

2.71
NURSERY CATALOG

FALL 1918
SPRING 1919

FRUIT
SHADE AND
ORNAMENTAL
TREES
AND SHRUBS

BERRY
PLANTS
AND
BUSH
FRUITS

DUTCH BULBS

NARCISSI
TULIPS
HYACINTHS
CROCUS-ETC.

Direct from our
Holland Grower

ROSES
AND
FLOWERING
SHRUBS

*Spiraea
vanHouttei*



TRADE

MARK

"DIAMOND
QUALITY"



Fertilizers

Ask for our Special Fertilizer Catalog, containing valuable information on the use and application of Fertilizer.

The Base of "Diamond" Fertilizers is Bone Meal and Bone Tankage, to which is added the necessary Chemical Elements. No sand, earth, or other cheap filler is used. They are of guaranteed analysis, conforming to the standards required by the State Laws.

Prices and General Analysis

Fertilizer	Nitrogen.	Phosphoric Acid.	Potash.	100 lbs.	Per Ton.
General or Vegetable.....	1.75 to 2%	10%	.6%	.....	.....
Fruit and Onion.....	2 to 2.25%	8 to 10%	1.00%	.....	.....
Lawn.....	3 to 3½%	8 to 9%	.6%	.....	.....
Pure Bone Meal.....	3.50 to 4%	18 to 20%	.....	.....	.....
Tankage.....	5 to 5½%	11 to 12%	.....	.....	.....
Super Phosphate.....	.....	17 to 18%	.....	.....	.....
Nitrate of Soda.....	15 to 15½%	.....	.....	.....	.....
Blood Meal.....	10 to 12%	3 to 4%	.....	.....	.....
Fish Guano.....	7.65%	7.55%	.....	.....	.....
Sheep Guano.....	1.25%	1.35%	.....	.....	.....

Write for prices on Fertilizers

	POUNDS PER ACRE	FERTILIZER TO USE	WHEN TO APPLY
Apples.....	400 to 600.....	Fruit.....	Fall or early spring.
Asparagus.....	300 to 600.....	Vegetable.....	.....
.....	100 to 200.....	Nitrate of Soda.....	Spring.
Berry Bushes.....	400 to 800.....	Fruit.....	Fall or Winter preferred, or early spring.
Fruit trees and bushes.....	400 to 800.....	Fruit.....	Fall or Winter preferred, or early spring.
Flower beds.....	See Plants, etc.....	.....	.....
Grapes.....	400 to 800.....	Fruit.....	Fall or early spring.
Grass for lawns.....	400 to 800.....	Lawn.....	Apply fall or spring, broadcast.
House plants.....	.....	"Diamond" Plant Food.....	Directions on each package.
Nursery stock.....	325 to 650.....	Vegetable.....	Early spring.
Plants, flowering out- door.....	A teaspoonful to a plant or broadcast	Lawn.....	Worked in the top soil when cultivating or making beds.
Roses, etc.....	½ to 1 lb. per plant..	Lawn.....	Fall, winter or spring.
Shrubs, trees, etc.....	½ to 3 lbs. per plant..	Lawn.....	Fall, winter or spring.

Potash Cannot be supplied this year, as stocks must come from Europe.

PLANTING TABLES

DISTANCES RECOMMENDED FOR PLANTING

Apples (Standard).....	25 to 40 ft. each way	Currants.....	5 ft. x 3 ft.
Pears (Standard).....	20 to 35 ft. each way	Gooseberries.....	5 ft. x 3 ft.
Quince.....	15 ft. each way	Strawberries (hills).....	36 in. x 18 in.
Peaches.....	18 to 24 ft. each way	Strawberries (matted rows)	48 in. x 12 in.
Plums.....	15 to 20 ft. each way	Grapes.....	8 x 8 to 10 x 12 ft.
Cherries.....	25 to 40 ft. each way	Asparagus.....	4 x 1 ft.
Blackberries.....	6 ft. x 4 ft.	Rhubarb.....	4 x 2 ft.
Raspberries.....	6 ft. x 3 ft.		

NUMBER OF PLANTS PER ACRE AT VARIOUS DISTANCES.

In planting trees the greater distance should be given in the richer soils.

DISTANCE APART.	Square Method	Triangu- lar.	DISTANCE APART.	Square Method.	Triangu- lar.
1 foot apart each way...	43,560	50,300	15 feet apart each way...	193	223
2 feet apart each way...	10,890	12,575	16 feet apart each way...	170	196
4 feet apart each way...	2,722	3,143	20 feet apart each way...	108	125
6 feet apart each way...	1,210	1,397	25 feet apart each way...	70	81
9 feet apart each way...	537	620	30 feet apart each way...	48	55
10 feet apart each way...	435	502	40 feet apart each way...	27	31

RULE SQUARE METHOD—Multiply the distance in feet between the rows by the distance the plants are apart in the row; this gives the number of square feet for each plant or hill; divided into the number of feet in an acre (43,560) gives the number of plants or trees to an acre.

RULE TRIANGULAR METHOD—Divide the number required to the acre "square method" by the decimal .366. The result will be number of plants required to the acre by triangular planting.

Keep Bees! Honey is the Best Substitute for Sugar

and is more wholesome and delicious.

You can keep bees any place where they can forage within the radius of a mile.

Bees can be kept in any location where food is in reach for them, and with very little care will produce a bountiful supply of Honey. They are also necessary for pollenizing fruit trees, and no orchard will yield its maximum crop of finest quality fruit without the aid of bees.

OUR 1918 BEE SUPPLY CATALOG WILL BE SENT FREE ON REQUEST

Portland Seed Company's AUTUMN CATALOG

Trees, Roses, Bulbs, Plants

FALL 1918 - SPRING 1919



FALL PLANTING gives splendid results west of the Cascades and dormant stock can be planted throughout the Winter, becoming well established for the Spring growing season.

FOREIGN IMPORTATIONS of bulbs and nursery stocks are very uncertain this season but our Holland growers expect to deliver us a fine lot of Dutch Bulbs in time for late Fall planting.

HARDY PERENNIAL PLANTS. We can supply fine plants and clumps that will bloom freely the first season and can furnish suitable varieties for groupings and color effects that are pleasing and permanent, making a splendid garden display and giving lovely cut flowers throughout the year. These should be utilized to make up for the shortage of imported stock.

BERRY PLANTS AND BUSH FRUITS of all kinds and Asparagus and Rhubarb roots—once planted—thrive and produce abundantly year after year with very little attention and should be in every home garden.

OUR HOME GROWN trees, roses, plants and ornamentals offered herein are properly grown and pass careful inspection before delivery to our customers. In no section is better stock produced.

BULBS, EVERGREENS, PAEONIES, and many other special items are best planted in the Fall in any section, and our suggestions may prove helpful in making your selections and in securing the best results at the least expense. This special service is without cost or obligation.

IMPORTANT—PLEASE READ CAREFULLY

WHEN TO ORDER—We issue this Catalog in September, but customers can order at any time and goods will go forward in season, as follows:

FLOWERING BULBS—Begin to arrive in August, deliveries being complete by December 1st, except Cannas, Dahlias, Gladioli, Tuberous Begonias, etc., which are not ready until after February 1st.


ROSES—Our large two-year old field grown roses are ready for delivery from October until June, one-year old mailing size from January to August. The earlier you set them the better they will grow.

PALMS, POT AND HOUSE PLANTS—Palms and plants should be potted as soon as possible after arrival and watered well for a day or two so as to settle the earth around the little fibrous roots.

FRUIT, SHADE AND ORNAMENTAL TREES AND SHRUBS—We ship these from October until June and recommend fall and early spring planting. If you do not want to plant on arrival, dig a trench and "heel" your trees in. If the ground is frozen, put them in a cellar and keep the roots damp.

COMPLAINTS OR PRAISES—If our goods and treatment please you, tell others; if anything is wrong, tell us quickly, so that we can make it right. Our best efforts will be given to filling all orders in a satisfactory manner.

WE NEVER SUBSTITUTE without permission from our customer. But as many items are sold out as the season advances, when requested, we will substitute varieties of equal merit maturing about the same season. **But always labeled true to name.**

 **Order Early**—it helps us to please you.

MAIL and EXPRESS CHARGES on BULBS

Only Flowering Bulbs are Prepaid at Catalog Prices to points in the United States. Alaska, Canadian and foreign postage extra. All other items F. O. B. Nursery unless otherwise stated.

WE CANNOT SEND GOODS C. O. D.—CASH MUST ACCOMPANY ALL ORDERS.

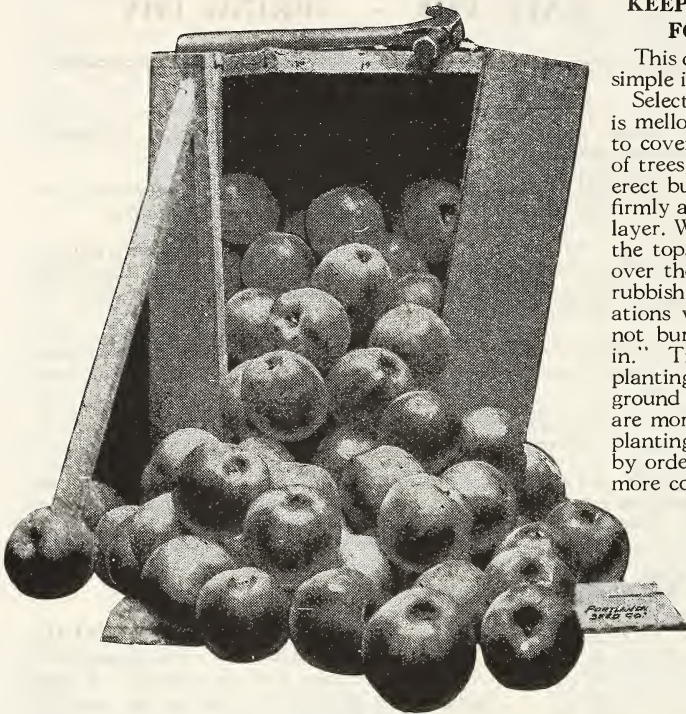
SEND MONEY by postoffice or express money order, bank draft or registered letter.

DO NOT SEND PERSONAL CHECKS as your order may be delayed by their collection

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, nursery stock, roots or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. **PORTLAND SEED COMPANY.**

Fruit Trees, Berry Bushes, Plants

IN THE PURCHASE of fruit stocks great care should be given to the selection of varieties that will meet your conditions and requirements, as many that thrive and bear abundantly in one section often prove disappointing under variable conditions. Also many splendid sorts for home use are totally unsuited for profitable marketing. For this reason we offer a large assortment of improved varieties carefully tested and selected for their special merits and their adaptability to varying conditions, and if you will state whether you intend growing for distant or local market or for home use, giving location and general conditions, we can recommend or assist in the selection of those varieties that will give you best results.



KEEPING TREES OVER WINTER FOR SPRING PLANTING.

This can easily be done by following the simple instructions given below:

Select a well-drained spot where the soil is mellow, and dig a trench deep enough to cover the roots well; put in one layer of trees, placing them so they will not be erect but at a decided angle; pack the dirt firmly about the roots, then place the next layer. When trees are all "heeled" in, cover the tops with boughs or bank up the earth over them. Be sure there is no grass or rubbish near to harbor mice. In mild situations where winters are not severe, do not bury or cover the tops; simply "heel in." Trees thus kept on hand ready for planting as soon as the frost is out of the ground will be found well preserved and are more sure to grow than later spring planting. Besides, you get better service by ordering in the early fall as stocks are more complete.

✎ If trees are frozen in transit, do not unpack, but set away in a cool cellar and allow them to thaw gradually. Trees or roses that are dried out and shriveled should be buried, tops and all, in moist earth for a few days. This will restore them.

Deliveries can be made from October until June, but orders are accepted at any time for delivery in Season.

APPLES

✎ This is the year to plant Apple trees. Stocks were never better and prices are very low. The standards of production and markets are well established, making an apple orchard a safe investment. Write for quotations on large orders.

Prices, except where noted:

	Each	Per 10	Per 100
First Grade, 2 yr.	\$0.35	\$2.50	\$20.00
First Grade, 4 to 6 feet .....	.25	2.00	17.50

Winter Varieties

Arkansas Black—Yellow where not covered with a beautiful dark maroon, approaching black; flesh firm, fine grained and juicy; a a long keeper. Dec. to Apr.

Baldwin—Deep, bright red; very productive; crisp; one of the best winter apples. Nov. to Feb.

Ben Davis—Yellowish, overspread with red; flesh white, tender, juicy; pleasant sub-acid; Oct. to Jan.

Bismarck—Fruit large, handsome, yellowish sometimes shaded red cheek; tender, sub-acid; seldom fails to bear when two years old. Sept.

Delicious—A splendid apple. Fine for market and home use and especially adapted to Eastern Oregon and Washington. Keeps till April.

Gano—Fruit is a bright red on yellow ground, oblong, smooth. Fine keeper. Nov. to Apr.

Grimes Golden—Rich golden yellow; flesh tender and juicy. Tree hardy and vigorous. Nov. to December.

Jonathan—Early bearer. Fruit beautiful red and oblong; fine quality. Valuable as a pollenizer with Spitzenberg and Newtown. Oct. to January.

King—Large, striped red and yellow; tree vigorous; good mountainous apple; Nov. to Dec.

APPLES—Continued

WINTER VARIETIES

Lady Apple—Dainty, small flat apple; red cheek. Good Christmas fruit. Tree upright and vigorous.

Lawver—(Delaware Red). Mild sub-acid, very heavy and hard; dark red; late keeper; Dec. to May.

Mammoth Black Twig—Very large; bright red, sub-acid; fine late keeper; fine, vigorous tree. Nov. to Jan.

McIntosh Red—A seedling of the Fameuse; bright red, tender and delicious. Nov.

Multnomah (New)—A hybrid between the American Pippin and Rome Beauty. Red striped yellow; flesh white and fine; sub-acid extra long keeper and in its prime from February to June.

Northern Spy—Large, greenish yellow, stripes of purplish red; flesh white, juicy, sub-acid.

Ortley, or White Belleflower—White fleshed, fine grained conical fruit of superior flavor; one of the best. Dec. to Apr.

Red Cheek Pippin—Sub-acid; yellowish-green color; red cheek; large size; good bearer. Keeps till March.

Rhode Island Greening—Large, greenish yellow; flesh yellow; tender and crisp. October.

Rome Beauty—Yellow, shaded with bright red; juicy sub-acid; fine market sort; good bearer. Nov. to Feb.

Spitzenberg—Large, oblong; yellowish ground with broken stripes of bright red; flesh yellowish, juicy, delicious rich flavor. Nov. to March.

Stayman Winesap—A seedling of the Winesap. Yellow striped with red. Flesh firm, crisp, juicy; sub-acid. Jan. to May.

Talman's Sweet—Medium size, pale, whitish yellow, tinged with red; flesh firm; rich and very sweet; best to preserve; vigorous; productive. Nov. to Apr.

Wagener—Good size; deep red in the sun; flesh firm and fine grained; good keeper; sub-acid. Oct. to Dec.

Winesap—Yellow streaked with red; flesh yellow; rich flavor; excellent for cider. Dec. to Apr.

Wealthy—Medium, whitish yellow, shaded with deep red; flesh white, tender and juicy. Oct.

Winter Banana—Fancy market fruit; pale yellow with pink blush. Has a delightful aroma and suggestive banana flavor. Not a good shipper. Nov.

Wolf River—Greenish yellow shaded with dark and light red; strong grower; good bearer. Sept. to Nov.

Yellow Belleflower—Large, oblong, yellow, sometimes a blush in the sun; crisp, juicy, sub-acid; very productive. Oct. to January.

Yellow Newtown Pippin—Large; skin smooth, golden yellow; crisp, juicy; standard export variety. Dec. to May.

Summer Varieties

Early Harvest—Medium size; bright straw color; tender and fine; good for table and cooking. July.

Golden Sweet—Large, pale yellow; good for cooking; tender and rich; fine bearer. August.

Gravenstein—Large, beautifully dashed with deep red and orange; tender and crisp; aromatic flavor. August.

Red June—Medium, oblong, deep red; excellent for table use; one of the best early apples.

Red Astrachan—Large, deep crimson, moderately juicy, rich acid flavor; very productive. August.

Yellow Transparent—Medium size, roundish, slightly conical; skin pale yellow; juicy, sub-acid; bears young. July.

Autumn Varieties

Waxen—Fruit medium; skin pale yellow; sharp acid; splendid for drying. October.

Fameuse—(Snow Apple.) Medium size, greenish yellow, with streaks of deep red on sunny side; flesh remarkably white; fine dessert fruit. Oct. to Dec.

Maiden's Blush—Medium yellow, with a very distinct red cheek on the sunny side; flesh white; sub-acid. Sept.

Golden Russet—Medium, dull russet, with a tinge of red; flesh crisp, juicy and highly flavored. Sept.

CRAB APPLES

Nice stocky trees, each 35c; per 10 \$2.50

Florence—Red striped; early good annual bearer, juicy and crisp; fine for home gardens. Sept. 1.

Transcendent—Very large, good for cider; yellow striped red. Productive. Adapted to Montana. Sept.

Hyslop—Large, deep crimson; hardy. Nov. Jan

Red Siberian—Yellow with scarlet cheek. Bears young and abundantly. September.

Yellow Siberian—Fruit small, fine golden yellow. Good. Aug.

QUINCE

PRICES:

	Each	10
First Grade, 2 years . . . . .	.75	5.00
First Grade, 1 year, 4 to 6 ft. \$0.50		\$4.00

APPLE OR ORANGE—Standard variety; early; large, golden yellow; good for preserving or flavoring. September.

CHAMPION—Large, yellow; cooks tender; delicious flavor; more productive than the Orange. October.

PINEAPPLE—The flavor is suggestive of the pineapple; fruit resembles the Orange quince; superior for jelly; can be eaten raw; delicious flavor. Sept.

GOULD SPRAYERS will give and maintain the necessary pressure to spray right. They are built for lasting service. See General Catalog.



DWARF FRUIT TREES

Ideal for home gardens; come into bearing early. Forty Dwarf Trees can be planted in a space 50 feet square and will not shade the ground, which can be cultivated between the trees. For best results Dwarf Trees must be planted in good rich soil and be well cared for; they should be pruned back about two-thirds of their new growth each spring.

Each 75c; 10, \$5.00

Dwarf Apples—Baldwin, Jonathan, Yellow Transparent, Gravenstein, Bismarck, Rome Beauty, Red Astrachan, Spitzenberg.

Dwarf Pears—Bartlett, Fall Butter, Comice, Beurre de Anjou, L. B. de Jersey.

NECTARINES

PRICES:	Each	10
4 to 6 ft.	\$0.30	\$2.50

BOSTON—Large, deep yellow, bright blush; flesh yellow; rich and luscious. Best for Oregon. Aug. 1.

APRICOTS

PRICES, except where noted:

First Grade, 4 to 6 feet	Each	Per 10	Per 100
3 to 4 feet .....	.25	2.25	21.00

Blenheim—Deep orange, sometimes blushed; tender and juicy. Good for Pacific Coast. June.

Moorpark—Very large, yellowish green, brownish red on the sunny side; flesh bright orange; fine for canning and drying; July, August.

Royal—Above medium size; sweet, rich, juicy; good dryer and canner. July.

The Lewis—The largest, strongest growing, best yielding, best flavored apricot we have ever seen, perfectly hardy. Grown extensively in "Goodnoe Hills" district. July, Aug.

Price, each 50c; per 10, \$4.50

Tilton—Large; rich color, high flavor; very productive; similar to Royal; later. July.

PEARS

We can supply all Standard varieties of Pears, but list only those in greatest demand. If the variety you want is not listed, write us.

50 at hundred rate—500 at thousand rate.

First Grade, 2 Years	Each	Per 10	Per 100
First Grade, 1 year, 4 to 6 feet	\$0.50	\$4.50	\$37.50
	.40	3.50	30.00

BARTLETT—Large; skin thin; juicy; highly flavored; best Summer pear existing. Aug., Sept.

BEURRE BOSC—Large, beautiful, russety; highly flavored; fine for shipping. September.

BEURRE CLAIRGEAU—Large, yellow, shaded orange and crimson; with russet dots; flesh yellowish; juicy. Sept.

BEURRE D'ANJOU—Large, handsome, fine flavor; tree vigorous; heavy bearer; keeps till Christmas. September.

COMICE—A splendid commercial variety, being of fine size; good appearance; ships well. Oct.

FALL BUTTER—A Fall favorite; yellow, sweet and juicy. Sept.

LOUISE BONNE DE JERSEY—Large, greenish yellow, brownish red in the sun, marked with gray dots; juicy, melting. Oct.

SECKEL—Rich and highly flavored; brownish green, russet brown cheek; buttery and melting. Sept., Oct.

Winter Varieties

P. BARRY—Very large yellow pear. Juicy and fine grained. Good keeper. Dec. to March.

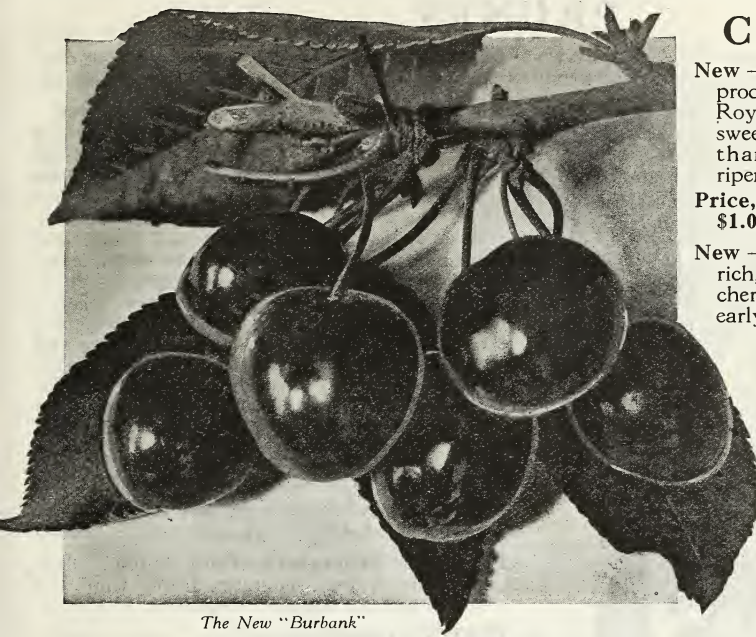
ROOSEVELT (New)—Large, roundish. Juicy, melting; yellow clouded with salmon rose. Oct.

WINTER BARTLETT—Fruit large, closely resembling the famous Bartlett in flavor and appearance, but ripens later.

WINTER NELIS—Medium; skin yellowish green; flesh yellowish white; fine grained, rich saccharine aromatic flavor. Dec.

FRUIT TREES DEMAND BEES FOR PROPER POLLINATION

Our Bee Supply Catalog tells why; also how to keep and handle bees. Every fruit grower needs a copy. FREE



The New "Burbank"

CHERRIES

New — Abundance (Burbank production)—A seedling of Royal Ann, larger, handsomer, sweeter and more delicious than this great favorite; ripens a week later.

Price, each, 1 year, 4 to 6 ft. \$1.00; doz. \$9.00

New — The "Burbank" — A rich, fine flavored dark red cherry, sweeter than other early varieties; a good shipper, vigorous grower and never failing producer.

4 to 6 feet — select trees, each \$1.00; doz. \$9.00.

Diamond Fertilizers

are a safe investment.

Ask for our Booklet.

"FERTILIZERS"

PRICES, except where noted:

	Each	Per 10	Per 100
First Grade, 2 years	\$0.60	\$5.00	\$40.00
First Grade, 1 year, 4 to 6 feet .....	.50	4.00	30.00
First Grade, 1 year, 3 to 4 feet .....	.40	3.00	25.00

Bing—Fruit large, dark brown or black; very fine; late; a good shipping variety. July.

Black Republican (Lewelling)—Large size, black, sweet, with purplish flesh; late and a good shipper. June.

Kentish (Early Richmond)—Dark red, very juicy; one of the best sour cherries and unsurpassed for cooking. Mid-May.

Late Duke—Large, light red; sub-acid. Late July.

Lambert—Color deep, rich red; flesh firm and of fine flavor; a fine market variety. Mid-July.

May Duke—Large, rich, dark red; flesh tender, juicy and sub-acid; an excellent early variety.

Oregon—Large, black, solid, free, vigorous and productive; a fine shipper. July.

Royal Ann—(Napoleon Bigarreau)—Largest size; pale yellow, becoming amber in the shade and with a bright red cheek; flesh very firm, juicy and sweet; immense bearer. July 1.

PEACHES

	Each	Per 10	Per 100
First Grade, 4 to 6 feet	\$0.35	\$3.00	\$20.00
First Grade, 3 to 4 feet .....	.25	2.25	17.50

CHAMPION—Large, cream white, slight blush. Tree hardy; should be in every orchard. July. Freestone.

EARLY ALEXANDER—One of the largest and best of the extra early varieties. Almost freestone. July.

EARLY CHARLOTTE—Medium early, excellent flavor; freestone; hardy.

EARLY CRAWFORD—Very large, yellow, red, cheek; sweet and excellent; popular for table and canning; freestone. Aug.

ELBERTA—Very large, bright yellow, red cheek; juicy, sweet; regular bearer; freestone. Late July.

HALE'S EARLY—A splendid early white peach of extra quality, very hardy and prolific; freestone.

HEATH'S CLING—One of the best of the clings. Large; creamy white, with slight red; flesh white. Sept.

LATE CRAWFORD—Very large; yellow, dark red cheeks; flesh deep yellow; juicy; rich and excellent; freestone; valuable for canning and drying. Sept.

MAYFLOWER—Beautiful red all over; extremely early; tree hardy and healthy. Last of June. Freestone.

MUIR—Large, pale yellow; very firm and sweet; best for drying; freestone. August.

SALWAY—Creamy yellow, red cheek; flesh deep yellow, red at the pit; rich and sweet. Freestone. Late Sept.

TUSCAN CLING—Very large; yellow, blushed red. Vigorous; strong grower. July, Aug.

PRUNES

IF you can—**Grow Prunes**—The demand is always good and will increase every year as they can only be grown in certain sections, but where conditions are right they are easily and profitably produced.

PRICES, except where noted: (Special prices in 1000 lots)

	Each	10	100
First Grade, 2 Years	\$0.35	\$2.75	\$25.00
First Grade, 1 Year, 4 to 5 feet .....	.30	2.50	22.50
First Grade, 1 Year, 3 to 4 feet .....	.20	1.75	15.00

ITALIAN or Fellemberg PRUNES

Pay big profits
to growers.

*Italian
PRUNES
grow
to
greatest
perfection
in
OREGON*

*If
you
have
the right
soil
PLANT
PRUNES*

New--Prunlew

A cross between the Hungarian Prune and Bradshaw Plum. Produced by Mr. H. A. Lewis, one of Oregon's most successful growers. Prunlew is ten days earlier than Bradshaw, color a little lighter than Hungarian. Fruit medium to large, firm and stands handling and shipping, and the golden flesh has a rich, delicious prune flavor. Prunlew has been favorably reported by the United States Department of Agriculture.

Select trees, 4 to 6 feet, each \$2.00

GIANT—Largest prune known; fruit averaging 1½ to 2 ounces each; excellent quality.

HUNGARIAN—Very large; dark red, juicy and sweet; good shipper. August.

ITALIAN--Fellemberg—Dark purple; flesh greenish yellow; separates freely from the stone; best for drying. August.

PETITE--French—Medium; violet purple; sweet, rich and sugary; fine for drying. Aug.

SILVER—Seedling of the Coe's Golden Drop; excellent for drying or canning. September.

SUGAR--New—Fruit ripens 28 days before the French; is four times as large and dries in half the time; flesh tender and rich in sugar; color dark purple. Early. August.

NEW STANDARD—(Burbank production)—Trees large; enormous yield; sweet, fine-grained and delicious; perfect free stone; skin purple. Price, each 50c; 100, \$35.00

PLUMS

PRICES except where noted:	Each	Per 10
First Grade, 2 years	\$0.50	\$4.00
First Grade, 1 year, 4 to 6 ft. ....	.35	3.00
First Grade, 1 year, 3 to 4 ft. ....	.20	1.75

ABUNDANCE—Fruit large; bright cherry; flesh light yellow; juicy, sweet; freestone. June.

BRADSHAW—Reddish purple, juicy and pleasant; adheres partially to the stone. July.

BURBANK—Medium; cherry red, with lilac bloom; flesh yellow; bears young. Late June.

COLUMBIA—Largest size, nearly globular; brownish purple; rich, sugary, freestone. Aug.

DAMSON—Small oval, bluish purple; flesh melting, rather tart. Tree fruitful and hardy. Aug.

DAMSON--Shropshire—Medium size, dark purple; flesh greenish, juicy and rich. Late Sept.

GREEN GAGE—Small round; flesh pale green, melting and juicy; freestone. Mid-July.

MAYNARD—Dull red, large, round, rich, sweet; quick-growing, heavy-yielding. July. Ea. \$1.00

PEACH—Very large; skin brownish red, slightly coarse grained, but juicy; freestone. July.

SATSUMA--Blood Plum—Large, dark red from skin to pit; firm and juicy. Early July.

WASHINGTON—Large, dull yellow, pale crimson blush; firm and sweet; freestone. Early Aug.

YELLOW EGG—Very large; skin of a deep golden color, rather acid; fine for cooking. Aug.

GRAPES

PRICES, except where noted: Write for prices in quantity.

2-year Plants, not prepaid

Each	10	100
\$0.20	\$1.50	\$12.00

CAMPBELL'S EARLY—Berries large, black, with light purple bloom; flesh, tender; rich, sweet, slightly vinous. Aug.

CONCORD—Large, black grape; bunches compact; berries round, sweet and pleasant. Aug.

DELAWARE—Grows freely; is perfectly hardy; ripens early; berries small, light red. August.

MOORE'S DIAMOND—Bunches large; berry greenish white, flesh juicy; almost without pulp.

MOORE'S EARLY—Bunch medium; berry large, resembling Concord, but more pulp and is earlier.

NIAGARA—Berry large, uniform; skin thin but tough; pale yellow; flesh tender and sweet. Sept.

WORDEN—Bunch very large and compact; berry large, black; an improved Concord. Late August.



Thompson's Seedless, Tokay, Muscat, Malaga and other European Varieties, Choice Plants at above Prices.

BUSH FRUITS

GOOSBERRIES



Prices except where noted. . . Each 15c; per 10, \$1.25; per 100, \$10.00.

Downing—Large, light green; soft juicy and good. Vigorous and very productive.

Industry—Very large, dark red, of delicious flavor; best English variety. Bushes strong, upright and very productive. Ea. 25c; 10, \$2.00

Oregon Champion—Berries very large, pale green; sweet, fine; bush strong, prolific bearer.

Red Jacket (Josselyn)—Large, smooth, prolific and hardy; best quality. Ea. 15c; 10, \$1.25

CURRANTS

Currants are a profitable easily grown crop, and the market is always good.

PRICES, except where noted: . . . Each 15c; 10 \$1.25; 100 \$10.00

Perfection—New; largest and most prolific Currant; bright red, rich flavor, mild sub-acid.

Black Naples—Very large, black, rich, tender; fine for jellies and wine. Productive, vigorous.

Cherry—Very large; deep red; fine for preserving; valuable market variety.

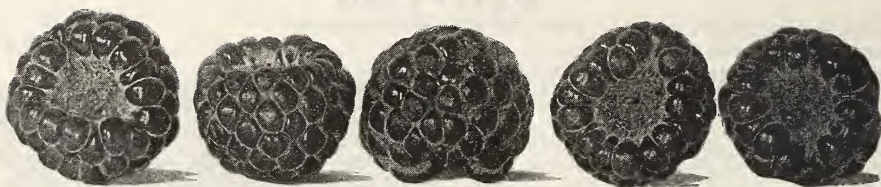
Fay's Prolific—Bright red, very sweet; fruit hangs on better than most varieties.

Victoria—Large, bright red bunches; late, productive.

White Transparent—The best white currant known. Splendid market variety; rich flavor; mild sub-acid.

"Corona" Dry Powdered Arsenate of Lead and "Corona" Dusting Sulphur, equal parts—a safe and satisfactory summer dusting spray for fungus and insects.

Bush Fruits—Continued



Raspberries—Red Caps

Prices except where noted: Not prepaid, 2 years—Ea. 15c; per 10, \$1.00; per 100, \$8.00

Cuthbert—Deep rich red, large and firm; one of the best market berries. Ripens medium to late.

Marlboro—Standard, light crimson, large, very firm; good commercial variety; ripens early.

Raspberries—Black Caps

Prices except where noted: Not prepaid, each 15c; per 10, \$1.00; per 100, \$8.00.

Gregg—Of good size, fine quality; very productive and hardy. Takes same position among black caps as Cuthbert among the red sorts.

Plum Farmer—Large black, hardy and productive. One of the very best.

Cumberland—Very large; similar to Gregg.

BLACKBERRIES

Evergreen—An Oregon introduction; berries long, black, sweet, rich, delicious; July to Nov.

10 for \$1.00; 100 for \$8.00
Postpaid, each 15c; 10, \$1.25

Himalaya Giant—Strong grower of a trailing nature; everbearing; an enormous yielder. The berries are large, juicy, coreless, sweet and firm. Good producer even in a very dry season.

Postpaid, each 15c; doz. \$1.50
Frt. or Exp., doz. \$1.25; 100 \$8.00

Lawton—Fruit large; very productive; Oregon's most popular kind. Each 10c; 10, 60c; 100, \$5.00; postpaid, each 15c; 10, 75c.

New Mammoth—Rampant grower of trailing habit. Enormously productive and exceedingly early. Fruit very large; seeds small, cores small and soft; July 1.

Two-year-old, ea. 15c; doz., postpaid \$1.50; by express or freight, doz. \$1.25; 100 \$8.00.

Kittatinny—Large, glossy black, juicy, sweet, excellent when fully ripe. July. Each 10c; 10, 60c; 100, \$5.00. Postpaid, ea. 15c; 10, 75c.

Eldorado—Large, jet black, melting, sweet and rich; hardy and productive. Ea. 10c; 10, 90c; 100, \$7.00; postpaid, each 15c; 10, \$1.25

LOGANBERRY

The loganberry is generally larger than the blackberry, often an inch and a quarter long; color dark red and produced in immense clusters. It partakes of the flavor of both the blackberry and raspberry. Fruit ripens early; excellent for jelly or jam. June.

Large, well-rooted plants: Prices: Two-year-old 20c each; \$1.75 per doz., prepaid; by express or freight, \$1.50 per doz.; \$10.00 per 100.

Burbank's Phenomenal

Larger than the logan and a brighter crimson raspberry color. Sweeter than the loganberry. July 1st.

Prices: Two-year-old, 20c each; \$1.75 per doz., postpaid; by express or freight, \$1.50 per doz.; \$10.00 per 100.

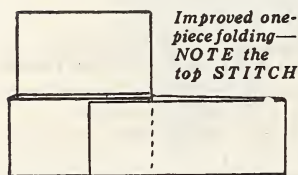
Dewberry

Price, not prepaid, each 15c; per 10, \$1.25; per 100, \$8.00.

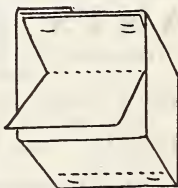
Lucretia—Fruit large, soft, sweet; no hard core. Hardy, good for this Coast. Last of May.

Gardenia—Large glossy black; delicious; heavy bearer; trailing vine. June.

BERRY BOXES AND CRATES



Improved one-piece folding—
NOTE the top STITCH



New—One-Piece Folding Hallock

TOP STITCHING the one-piece bottom makes the box open up perfectly. No loss from misfits and breakage as with the old style, and the bottom never drops out. Compare this new box with any box on the market.

CRATES—Write us for prices on K. D. Crates, Folding Boxes, and the New Stapled Filled Crates

USE DIAMOND FRUIT FERTILIZER FOR BERRIES

Our Book "FERTILIZERS" tells you how to profitably use Fertilizer. Tells you what you should get for your money when you buy Fertilizers—a book every grower should have and is FREE FOR THE ASKING.

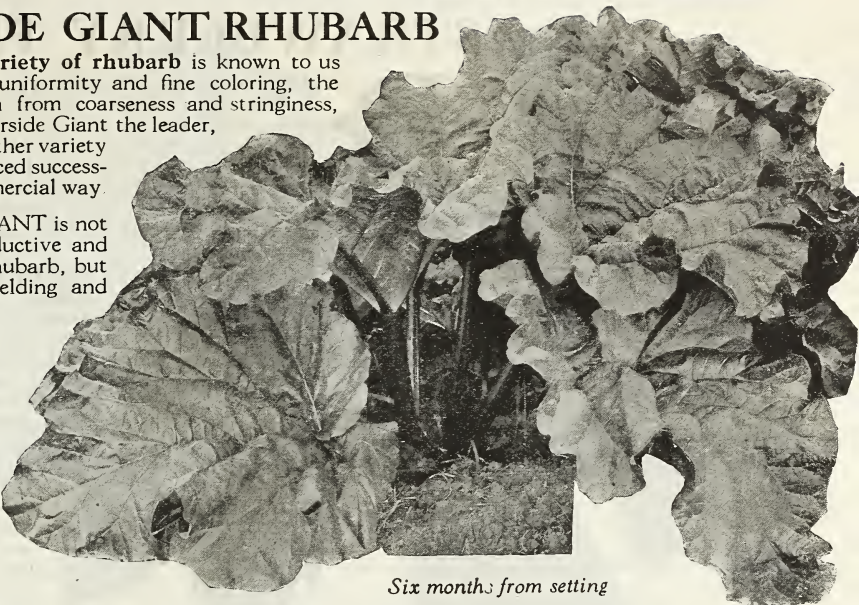
RIVERSIDE GIANT RHUBARB

NO OTHER variety of rhubarb is known to us that has the uniformity and fine coloring, the flavor, the freedom from coarseness and stringiness, that has made Riverside Giant the leader, and we know of no other variety that has been produced successfully in a large commercial way.

RIVERSIDE GIANT is not only the most productive and profitable hardy rhubarb, but is also the best yielding and finest in quality when forced of all forcing varieties.

Full instructions and information on forcing will be sent on request.


Four men in 6 hours have cut over 5 tons from less than one-half acre on the fourth cutting.



Six months from setting

RIVERSIDE GIANT is unequalled for yield and quality, being crisp, tender, free from stringiness, with a good color and a delicious, distinctive flavor. The skin is so thin that it disappears in cooking. Riverside Giant has every good quality of a commercial rhubarb and is so vigorous and productive that over thirty-five tons per acre is a conservative estimate for the season. Cuttings begin in March and usually four are made, the last one in July. Full information for preparation of the soil and growing the crop, as practiced by the originator, will be sent on request to all purchasers.

Two cars of Riverside Giant Rhubarb shipped to The Dalles for drying, proved to be the best variety for that purpose, containing more substance and not having a tough skin.


 We have the exclusive sale of this wonderful rhubarb and offer root divisions from the original stock. Each root will make a thrifty plant if properly cared for.

Root divisions must be made from young healthy stock, cuttings from old roots will give poor returns. **PRICE**—each 15c; doz. \$1.50; \$10.00 per 100. Postpaid each 20c; doz. \$1.75. Special prices on large lots.

Victoria Mammoth Rhubarb Standard Hardy Variety.

TWO-YEAR-OLD ROOTS—Postpaid, 15c each; \$1.50 per dozen. By express or freight, \$1.25 per dozen; \$8.00 per 100.

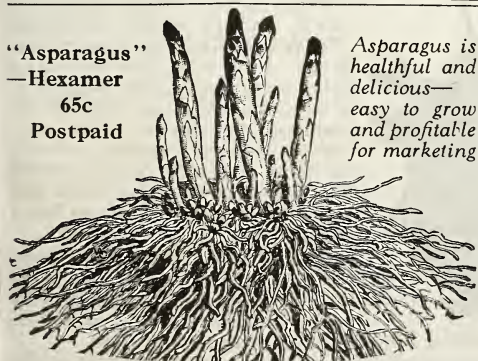
Write for prices on larger lots.

 Don't plant rhubarb along a fence, near trees or other crops. Give it plenty of room. Write for cultural directions.

Wagner's Giant

A larger, heavier yielding variety than the Crimson Winter. Our stock is locally grown from root divisions only and will be found true and uniform. Does not run up as many seed stalks as the Crimson Winter and in our experience has proven better in every way.

Price, not prepaid: Root divisions, each 15c; \$1.50 doz.; \$10.00 per hundred. Postpaid each 20c; doz. \$1.75.



"Asparagus"
—Hexamer
65c
Postpaid

*Asparagus is
healthful and
delicious—
easy to grow
and profitable
for marketing*

Asparagus Roots

ONE-YEAR-OLD PLANTS—Postpaid 25c doz—75c per 50—\$1.00 per 100—by express or freight 20c dozen—50c per 50—75c per 100—\$6.00 per 1000.

TWO-YEAR-OLD PLANTS—Postpaid 40c dozen—\$1.00 per 50—\$1.50 per 100—by express or freight 25c dozen—75c per 50—\$1.00 per 100—\$8.00 per 1000.

Horse Radish

Postpaid 5c each—35c per dozen—by express or freight 25c dozen—\$1.50 per 100.
Write for price by the 1000.

VEGETABLE PLANTS—All Standard Varieties in Season—See Seed Catalog

STRAWBERRY PLANTS



DIAMOND Quality Strawberry Plants are large, vigorous and healthy. They are heavily rooted and have large, full crowns; have been carefully grown, and are free from disease and pests. We dig as ordered and pack for shipment in ventilated crates of 500 plants each. **They are grown from our select strains and are always true to name; no substitution is ever allowed without instructions from the purchaser.**

Our select strains of **New Oregon, Gold Dollar, Marshall, Magoon, Clark's Seedling** and other Western varieties, many of which were introduced by ourselves, still hold their position as the **leading commercial varieties of the Northwest**, and are being planted more extensively each season. Thus demonstrating by actual market and growing tests the great superiority of our Western varieties, against the keenest competition from all sections.

**Big
Healthy
Well
Grown
Plants**

Care For and Feed Your Plants

Neglect is the prime factor in strawberry failures, and most strawberry beds suffer from lack of attention and starvation. Proper fertilization and intelligent culture insure enormous crops of finest fruit and freedom from diseases and pests. White grubs, cutworms, crown miners, etc., can all be controlled by preventive measures. Never set strawberries in or near clover sod or hay fields. Such ground should have at least two years cultivation before using for strawberries. Remove the mulch directly after fruiting.

NEW OREGON


Our Own Introduction

**Best, Most Uniform and Heaviest Yielding
Main Crop Strawberry**

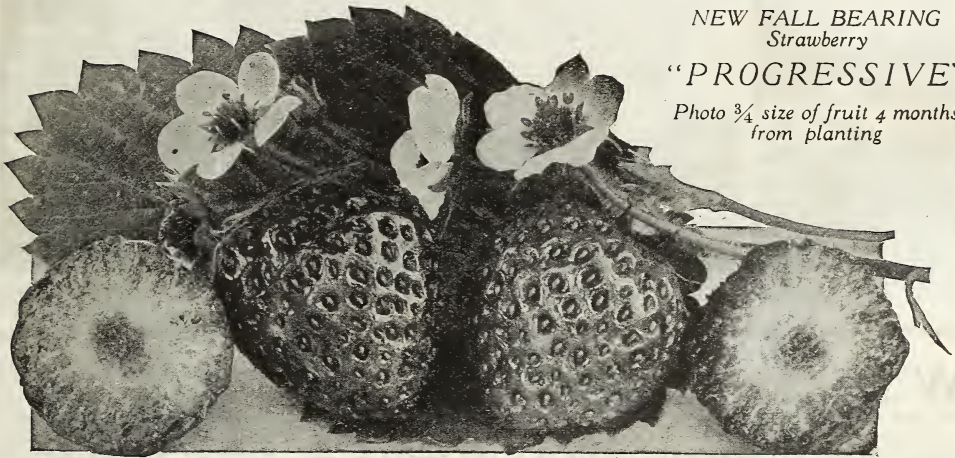
"**NEW OREGON**" is large, firm and of fine form, averaging 15 to the quart box, color a brilliant, deep, rich red, having a glossy varnished appearance when fully ripe. This dark blood red coloring extends through to the very center, and, no matter how large, "**NEW OREGON**" is never hollow. When fully ripe the distinctive flavor is suggestive of the wild berry, is crisp and delicious, and will remain on the vine for three days without injury, keeping perfectly for many days after picking; stands handling and long shipments and will hold its color, shape and flavor when canned.

"**NEW OREGON**" is an early and continuous bearer, being ready for marketing the first half of May in the Willamette Valley and holds

up in size and quality throughout the season, which in some localities extends until frost.

 The strawberries here offered have all stood the market test and you will be safe in selecting any one of them that will suit your conditions and requirements. They are the best varieties obtainable.

FALL OR EVERBEARING STRAWBERRIES



NEW FALL BEARING
Strawberry

"PROGRESSIVE"

Photo $\frac{3}{4}$ size of fruit 4 months
from planting

The new varieties of Fall bearing Strawberries, also known as "Everbearing," are very satisfactory for home gardens and under some conditions will prove profitable commercially, but require special care and attention to secure best results as the late fruit will be small and yield less if the first blossoms are not removed, and the plants are allowed to fruit early and continuously. When properly grown they are of splendid quality and yield heavily until frost.

PROGRESSIVE—Rich, red color, firm and of delicious flavor. Good keepers and shippers. Blossoms should be cut back about 4 weeks before the berries are wanted. We consider this the best of its class.

Per doz. 50c; 25 plants 75c; 100, \$2.00 postpaid; by frt. or exp. \$1.75 per 100; \$15.00 per 1000

Gold Dollar—Extra Early

Gold Dollar berries are large size, dark red all through, and have fine flavor. Foliage heavy, large and spreading, which protects the blooms from early frosts.

Gold Dollar Strawberries are the standard early berry in the big markets of the Northwest, and are always in demand.

Magoon

Berry large, fine and of excellent sub-acid flavor; bears heavily; especially adapted to Western Oregon and Washington.

Clark's Seedling

The berry that has made Hood River famous; best shipper, berries large, of delicious flavor; vines bear large crops; especially adapted to dry soil.

Wilson

A heavy bearer of fine, moderate-sized berries; sharp acid flavor and the leading sort for canning.

Marshall

Very large; dark crimson throughout; fine flavor; a fine market and table berry. Our stock of Marshalls is absolutely true, vigorous and prolific.

PRICE LIST OF PLANTS

VARIETY—

	By mail, postpaid		F. O. B. Portland	
	Dozen	100	100	1000
Clark's Seedling	\$0.30	\$1.25	\$1.00	\$7.00
Gold Dollar .....	.30	1.25	1.00	7.00
Magoon .....	.30	1.25	1.00	7.00
Marshall .....	.30	1.25	1.00	7.00
NEW OREGON—IMPROVED .....	.30	1.25	1.00	7.00
Wilson .....	.30	1.25	1.00	7.00

Not less than 500 plants of a kind at 1000 rate. Special prices on 3000 or more.

Flavoring and Medicinal Herbs—Plants

CHIVE—Has mild onion flavor, grows in grass-like clumps; much used for flavoring.

Each 15c; doz. \$1.50

LAVENDER—By distillation produces the well-known Lavender water, the flowers for perfuming wardrobes, etc. Each 25c; doz. \$2.50

ROSEMARY—Infusions of the leaves are used in medicinal beverages. Produces an aromatic oil. Each 25c; doz. \$2.50

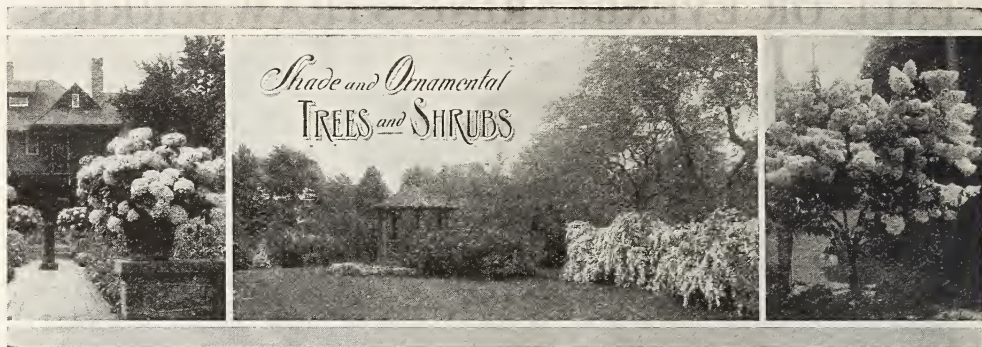
PEPPERMINT—Hardy perennial for producing oil. Each 20c; doz. \$2.50

SWEET MARJORAM—The sweet aromatic leaves are used in either the green or dry state. Each 20c; doz. \$2.00

SAGE (Giant)—The leaves and tender tops are used in stuffings and sauce; also in the beverage known as Sage Tea. The Giant Sage is a greatly improved variety.

Each 15c; doz. \$1.50

THYME—Broad leaved, used in soup, stuffing and sauce. Each 25c; doz. \$2.50



Deliveries can be made from October until June, but orders are accepted at any time for delivery in Season

WE use every precaution to deliver healthy, vigorous stock, but the measure of your success will depend upon the planting and care given, as careless or ignorant handling kills thousands of fine trees and plants every season. Avoid unnecessary exposure of roots to the air. In the case of evergreens that are "balled," **do not remove the burlap.** Plant as received, only cut the string around the top, then **loosen the burlap after the tree is set.** If you cannot plant immediately on receipt, **always "heel" in the trees so their roots may be in contact with good soil.**

Leaving the ground loose after planting has caused tremendous losses that are generally and unjustly blamed to the nurseryman. Another cause of great loss is the wind working the newly set trees loose from the soil. This kills them. Always stake newly set trees if in a windy situation. After trees are set, make a plan of the grounds, marking the different varieties, then remove the wire labels, as they may damage the growing limb.

An hour's exposure of roots to wind or sun may kill any tree; this is especially true of evergreens. In planting cut off the bruised or broken roots with a sharp knife.

If the soil is good and properly prepared, only a hole large enough to easily take the roots need be dug, but better results can always be obtained by digging out a large space and filling in with good top soil. In setting the trees, do not put deeper than they stood in the nursery, excepting some dwarfs, which go a little deeper. **Be sure to Pack the Earth Solidly Around the Roots.** The neglect of this important detail is responsible for many failures.

DECIDUOUS SHRUBS

Althea—Rose of Sharon

Flowers delicate, bell shaped, blooming at different times during summer.

Choice named varieties, 3 to 4 feet, 50c, 75c

GRANDIFLORA SUPERBA—Double, delicate blush, carmine center.

ELEGANTISSIMA—Double white.

MEEHANI—Leaves variegated, single lilac-pink flowers.

DOUBLE RED OR WHITE. Each 50c

Flowering Almond

PINK—Well known early dwarf shrub. Double clear pink little roses festoon the gracefully bending branches. **3 to 4 feet, 60c**

WHITE—Same, though white flowers. **Each 60c**

Azalea Mollis

Very bushy; proficient bloomer. Colors, red, orange and yellow. **\$1.00 to \$1.50**

Azalea

NATIVE—White or light pink. **15 to 18 in. \$1.00**

Berberis

PURPLE LEAVED—Having purple foliage, very pretty. **Clump 35c each**

B. THUNBERGII—Japanese. Dwarf habit; foliage changes to a beautiful red in autumn; good hedge plant. **2 to 3 ft., each 60c to 75c**

Currant

FLOWERING—Graceful flowers and berries red. Desirable for shady spots. **3 to 4 ft, 50c**

Calycanthus—Floridus

Flowers reddish brown, sweet scented. Leaves broad, dark green. **2 to 3 feet 50c; per 10 \$3.50**

Deutzia

PRIDE OF ROCHESTER—Double white. **2 to 3 feet 50c; 4 to 6 feet 85c.**

Elder

GOLDEN LEAVED—Foliage retains its bright golden color through summer. **3 to 4 ft. 60c**

Filbert

PURPLE LEAVED—Leaves and husks purple, very ornamental. Nuts good. **3 to 4 feet 85c**

Forsythia (Golden Bell)

Most common; deep green foliage. Fine in partial shade. **3 to 4 feet 75c**

Honeysuckle

BUSH—Very beautiful. **3 to 4 feet 60c.** For others, see vines.

Hydrangea

PANICULATA GRANDIFLORA—Immense panicles of bloom, from July to November, creamy white, pink flush. Prune back in early spring, about half of previous year's growth. Hardy everywhere; good for cemetery planting. **2 to 3 ft. ea. 50c to 75c; 3 to 4 ft. 75c to \$1.00**

Tree shaped, each \$1.00 and up

Our DIAMOND LAWN GRASS makes an Evergreen, Velvety, Turf

Deciduous Shrubs--Continued

Kerria

JAPONICA—The double yellow globe flower. Blooms in early summer. **3 to 4 ft. 60c to 75c**

Mock Orange (Philadelphus)

GRANDIFLORA—Flowers large. Slender twig habit. **3 to 4 feet, each 50c; 10 \$4.00**

Lilacs—Syringa Vulgaris

COMMON PURPLE—Very fragrant, an old favorite. **3 to 4 feet 50c; 10 \$4.50**

COMMON WHITE—Same as above, flowers white. **3 to 4 feet 50c; 10 \$4.50**

CHAS. X (Single)—A strong rapid grower; trusses large and loose, color reddish purple.

MARIE LE GRAYE (Single)—Flowers large, beautiful creamy white; bush dwarf.

MICHEL BUCHNER (Double)—Pale lilac.

PRES. GREVY (Double)—Magnificent, beautiful blue panicles; very large.

LUDWIG SPAETH (Single)—Very fine; trusses large; deep purple.

MME. LEMOINE (Double)—White color; fine for winter forcing.

PRES. CARNOT (Double)—Fine, lavender, with white center, late flowering.

GRAFTED STANDARDS 6 feet, each \$1.50

CHOICE PLANTS 3 to 4 feet, each \$1.00

Nandina

DOMESTICA RED—Red coral-like berries in graceful panicles ripening about Christmas—hardy evergreen. Foliage, red at first and green at maturity; turning Coppery red in winter. **2 to 3 feet, each \$1.00**

DOMESTICA WHITE—**2 to 3 feet, each \$1.00**

Quince

JAPONICA (Japan Flowering)—Blossoms vary from the richest scarlet to the most delicate blush color; the fruit is deliciously fragrant, but not edible. **2 to 3 ft., each 60c to 75c**

ALBA—A very beautiful variety, with delicate, white and blush flowers. **3 to 4 ft. 75c to \$1.00**

Snowball

JAPANESE—Flowers pure white, delicate large globular heads, in May. **2 to 3 feet 85c**

COMMON—Flowers globular, pure white, in May. **3 to 4 feet, each 50c; 10 \$4.00**

Smoke Tree

Low growing and shrubby, flowers feathery, appearing like a cloud of smoke. **3 to 4 feet, 75c to \$1.00**

Tamarix

JUNIPERINA—Ornamental tree with soft, Juniper-like leaves, pink flowers. **3 to 4 ft \$1.00**

Spiraea

ANTHONY WATERER—Blossoms about the close of June; flowers red. **Clumps, each 75c**

BILLARDI—Produces fine, rose-colored flowers, blooms nearly all summer. **Clumps, each 60c**

PRUNIFOLIA, BRIDAL WREATH—The pretty double white flowers usually expanding about May 1. **Clumps, each 75c**

THUNBERGII—Branches slender and somewhat drooping; foliage yellowish-green; flowers small, white, appear early. **Clumps, ea. \$1.00**

VAN HOUTTE—The grandest of all the Spiraea. When in flower it is a complete fountain of white bloom, the foliage hardly showing; hardy and an early bloomer. **2 to 3 feet 60c to 75c**

Weigelia

CANDIDA—Flowers white, bush tall. **75c**

ROSEA—Flowers light pink, shrub compact. **75c**

EVA RATHKE—Flowers red, one of the best. Slightly dwarf. **75c**

VARIEGATED—Leaves become silver white. **75c**

DECIDUOUS TREES

SPACE will not permit us to give more than the very briefest description of ornamentals in this booklet, but complete descriptions and detailed information covering your planting problems will be promptly and cheerfully furnished on request, together with such suggestions as we feel will prove helpful to you. We shall be pleased to quote special prices on larger grades than those offered in the list. Such varieties as we have marked with an asterisk (*) can be supplied in many cases in larger grades and in large quantities.

When large trees are planted, they should be cut down to within 8 feet of the ground and all laterals should be shortened in, thinned out if they are too thick and cut away entirely to about 6 feet off the ground.

We shall be pleased to give quotations to persons desiring large quantities.

Prices of the following are for the 7 to 8 feet grade, excepting where otherwise specified.

Ash

AMERICAN WHITE—Broad, round head and dense foliage. Very fine. **Each 60c; 10, \$5.00**

Basswood (See Linden)

Beech

PURPLE LEAVED—Foliage is deep purple in the spring, changing to crimson in the fall. **5 to 6 feet, each \$2.00; 6 to 8 feet \$3.00**

AMERICAN—The nut-bearing beech. **8 to 10 feet, each \$1.00**

FERN LEAVED—Shrub-like and very beautiful for the lawn. **7 ft. Ea. \$1.50; 10, \$12.50**

*Birch

EUROPEAN WHITE—Silvery white bark and slender drooping branches. **8 to 10 ft, ea. \$1.00**

CUT LEAVED—Delicately cut foliage, silvery white bark and drooping branches. **5-6 feet. 8 to 10 feet, each \$1.50; 10, \$12.50**

Catalpa

Splendid trees, white flowers, bright foliage. **CATALPA BUNGEI**—Forms a dense, round, umbrella-like head. **Each \$1.50 up**

***CATALPA WESTERN (Speciosa)**—Very rapid grower, fine as a quick shade. **7 to 9 feet, each 75c to \$1.00**

Deciduous Trees--Continued

Crab-Flowering

BECHTELS—Fragrant pink flowers. In appearance a tree of roses. 3 to 4 feet, each 75c

Dogwood—Cornus Florida

WHITE FLOWERING—Flowers white, 3 in. in diameter, blooming before leaves come in spring. Price, 4 to 5 ft., each 75c; 10, \$6.50

RED FLOWERING—Same price.

*Elm

AMERICAN WHITE—A magnificent tree with drooping branches. 8 to 10 ft. Each \$1.00

***CORK BARK**—Desirable for street planting. Young branches very corky. Ea. 75c up

PURPLE LEAVED—Leaves rich purple when young. Each \$2.00

Hawthorne

DOUBLE SCARLET—Small tree, spreading branches, crimson flowers. Each 75c to \$1.50

DOUBLE WHITE—Flowers small, leaves lustrous green color. 5 to 9 feet. Each 75c to \$1.50

Horse Chestnut

***WHITE**—Foliage showy, flowers stand in upright panicles. Each \$1.25 to \$2.00

***RED**—Same flower as above; flowers red. Each \$1.00 to \$2.00

*Laburnum (Golden Chain)

Small growing tree, with long, drooping racemes of fragrant yellow flowers.

3 to 8 feet, each 50c to \$1.50

Larch

Tree native, rapid growing. Each 75c to \$1.00

Linden

AMERICAN—Shapely and handsome, foliage large. Each 75c to \$1.00

EUROPEAN—Similar to American, leaf smaller. Fine. 75c to \$1.25

Locust

***BLACK**—Rapid grower. Each 75c; 10, \$6.50

HONEY—Rapid grower, a drought resister; fine for hedge or wind-break. Ea. 75c; 10, \$6.50

Magnolia

CUCUMBER TREE (Acuminata)—Tall, pyramidal tree, showy leaves and yellowish white flowers. Each \$1.00 to \$1.50

SALICIFOLIA—Pure white flowers. It emits a sweet aromatic scent from the flowers, stems and leaves; very hardy. Each \$1.50 to \$2.00

CONSPICUA—A Chinese species of medium size, shrub-like in growth while young, but attains the size of a tree in time. Flowers large, pure white. 2 feet, each \$1.00

3 feet, each \$1.50 to \$2.00

OBOVATA—Exterior petals purple, veined with deeper color, white center. Ea. \$1.00 to \$1.50

GRANDIFLORA—See page 16.

*Mountain Ash

Foliage orange-red in fall. Red berries remain on tree most of winter. Each 75c; 10, \$6.50

EUROPEAN—White flowers, then beautiful red berries. 6 to 8 feet. Each 75c; 10, \$6.50

Mulberry

DOWNING'S EVERBEARING—Rapid grower with good fruit. 4 to 6 ft. Each \$1.00 and up

NEW AMERICAN—Hardy, large leaves, berries large, edible. Ripen from June to September. 4 to 6 feet. Each \$1.00 and up

Maple

ASH-LEAVED (Box Elder)—Rapid grower, fine street tree, foliage ash-like. Ea. \$1.00; 10, \$8.50

VARIEGATED ASH-LEAVED MAPLE—Fine for lawn or street plantings. Each 75c to \$2.00

***Oregon Soft**—A rapid grower. Leaves large. 5 to 10 ft. 75c to \$1.00

***SYCAMORE**—Tree large and spreading with handsome foliage. 5 to 10 ft. 75c to \$1.00

SILVER—A rapid grower, graceful and very beautiful; leaves silvery. 8 to 9 ft. \$1.00 to \$1.25

***NORWAY**—Large, growth compact; foliage deep green. Handsome. 6 to 9 ft. 75c to \$1.00

PURPLE LEAF SYCAMORE—Purplish green foliage, sycamore-like. 5 to 10 ft. 75c to \$1.00

SUGAR OR HARD—A rapid grower and a shapely tree with beautiful autumnal coloring. 6 to 9 feet 75c to \$1.00

Maple (Japanese)

ATRO-PURPUREUM—Large palmate leaves; deep rich maroon color.

ATRO-PURPUREUM VAR—Bright crimson; deep maroon markings.

NISHIKIGASANE—Palmate green foliage, with yellow variegations.

Select well rooted stock. Ea. 75c to \$1.50

Oak

ENGLISH—Low growing, spreading habit and rapid growth. Each \$1.00 and up

SCARLET—Pyramidal shape, foliage changes to bright red in fall. Each \$1.00 and up

Persimmon

AMERICAN—Handsome tree with dense green foliage. Small fruit. 4 ft. Each 60c

Poplar

***CAROLINA**—A very rapid grower. 6 to 8 feet. Each 60c

Prunus Pissardi

Foliage and fruit entirely red. Plums very good quality. Each \$1.00

Tulip Tree

Leaves light, glossy green, fiddle shaped; flowers greenish yellow, tulip shaped.

Each 4 to 9 feet 75c to \$1.00

Weeping Trees

Elm

CAMPERDOWN WEEPING—Vigorous branches, forming a roof-like head. Each \$2.00

Mulberry

TEA'S WEEPING—Branches long and slender drooping parallel to trunk. Each \$1.50 and up.

Weeping Willow

KILMARNOCK—A distinct variety, having reddish shoots and large, glossy foliage. 6 feet and 2-year heads, each \$2.00 and up.

WISCONSIN—Large, glossy leaves and very pendulous habit. Each 75c; and up.

NUT TREES

WALNUTS are a sure and profitable crop on the Pacific Coast, and we also urge their planting for shade and ornamental purposes. They grow rapidly, are free from pests, and are handsome and lasting. Only grafted trees should be planted as they yield heavier, the nuts are of better quality, and more uniform.

Almond (*Nut Bearing*)

Almonds can be grown successfully in many sections of Oregon and Washington, and are attracting much attention from commercial orchardists. We can supply most of the leading varieties. **Choice trees 3 to 5 feet 50c**

Butternut

A beautifully formed tree bearing a rough coated nut of most attractive flavor, well known to the Middle West. **4 to 5 feet, each 75c to \$1.00**

Chestnut

AMERICAN SWEET—Makes a handsome shade tree; full medium size, sweet and well flavored. **Each \$1.00 and up.**

SPANISH—Forms handsome lawn tree and produces much larger fruit than the American variety. **Each \$1.00 and up.**

Filberts

BARCELONA—Magnificent large nut from Spain, first quality. **Each 50c to 75c**


DU CHILLY—The largest Filbert on Pacific Coast. **Each 50c to 75c**

Grafted Walnuts

We offer a splendid strain of Franquettes, the best variety for this section, grafted on four-year California Black Walnut—sturdy, thrifty trees with big fibrous roots. Samples can be seen at our store.

PRICES: 4 to 5 feet, each \$1.50; 6 to 8 feet, each \$2.00.

Mayette variety—grafted—same price.

 **Write for special prices in large lots.**

Seedling Walnuts

FRANQUETTE AND MAYETTE—Second generation, soft shell, selected stock. Trees hardy and prolific bearers. Nuts are rich and meaty, finest commercial sorts.

PRICES—One-year-old, well-rooted, **Each 25c; 10, \$2.00;** Two-year-old, well rooted, tops **2 ft. up, 50c; 4 to 6 feet, each 75c; 6 to 8 feet, 75c to \$1.00.**

EVERGREEN SHRUBS

Abelia

A low-growing shrub, producing white-tinted lilac, heather-like flowers during the summer and fall months. Beautiful glossy foliage, requires some protection in severe climates. **50c to \$1.00**

Aucuba

JAPONICA—Japan evergreen, with shining foliage and red berries. **Each 75c to \$1.00**

JAPONICA VARIEGATA—Green and yellow foliage; very showy. Large plants for immediate effect. **Each \$1.50 to \$2.50**

Broom

SCOTCH—Branches drooping, covered in spring with bright yellow flowers. **3 to 4 feet 50c**

WHITE FLOWERING—Same as Scotch; flowers white. **3 to 4 feet 75c**

SPANISH—Upright; branches leafless, superior to Scotch. Blooms continuously throughout the summer. **3 to 4 feet 75c**

Cotoneaster

Splendid for low walls, rock work, terraces, etc. Foliage is small, of a rich green, and in the Fall the plants are covered with bright red berries that remain for a long period. We offer three varieties: **Choice Plants, 50 to \$1.00 ea.**

HORIZONTALIS—Branches nearly horizontal, bearing brilliant red berries during Autumn and Winter. Small pinkish white flowers.

MICROPHYLLA—More slender, with smaller leaves and branches, than Horizontalis.

SIMONSI—Of upright growth with small leaves; pink-white flowers and bright red fruit.

Cryptomeria

One of the finest evergreens of Japan; of both upright and drooping habit. Foliage mostly needle-like; end of branches soft and flexible.

1 to 2 feet, each \$1.00 to \$2.50

Daphne

ODORA—Pretty early flowering shrub, producing pink flowers in March. **2 feet, ea. \$1.00**

ALBA—Pure white. **2 feet, each \$1.00**

Lauristinus

Luxuriant dark green foliage, with clusters of small white flowers in winter.

2 to 3 feet, each 75c and up.

Laurel

PORTUGAL—Dwarfish, leaves dark green, flowers very sweet. **18 in. to 3 feet, 60c to \$1.00**

ENGLISH—Leaves broad, flowers in clusters, creamy white. Purple berries.

18 in. to 3 ft. 60c to \$1.00.

Mahonia—Aquifolia

OREGON GRAPE—Shining, purple, prickly leaves; bright yellow flowers; berries blue-black. **18 to 24 in. 75c (Balled)**

Privet (Evergreen)

One of our best hedge plants; has small, pointed, evergreen leaves; grows rapidly and compactly; stands severe pruning.

1-year-old plants, 12 inches, each 5c; 50, \$2.25; 100, \$4.00

2-year-old plants, 1½ to 2 feet, each 10c; 50 \$3.50; 100, \$6.00

For **FERNS, GERANIUMS, GLADIOLI, DAHLIAS** or **CANNAS** See General Catalog

EVERGREEN TREES

Araucaria

IMBRICATA (MONKEY PUZZLE)—A fine tree of regular pyramidal form; leaves bright green, overlapping each other. **\$2.00 and up**

Arborvitae

***AMERICAN**—Native, known as white cedar. Foliage bright green, yellow-green underneath; brown and bronze in winter. **2 to 3 feet \$1.00**

GOLDEN—Elegant; habit regular; foliage tinged with gold in spring. **2 to 3 feet \$2.00**

WEeping—Weeping variety; foliage light yellowish green. **2 to 3 feet \$2.00**

AMERICAN VARIEGATED PYRAMIDAL—Foliage dark green. **2 to 3 feet \$1.50 to \$2.00**

ORIENTAL—Close ascending branches of a fan shaped appearance. **2 to 3 ft. \$1.50 to \$2.00**

RED CEDAR—Native, with striking form and beautiful color. **2 to 3 feet 75c**

Box

BALL SHAPED, 10 to 15 in. Ea. **\$1.50 to \$3.50**

PYRAMID 4 to 4½ feet, each **\$5.00**
 3 to 3½ feet, each **3.50**
 2½ to 3 feet, each **2.50**

LOW STANDARD—Heads 12 to 18 inches in diameter. **\$2.00 up**

BOX PLANTS FOR HEDGES AND BORDERS—
10 to 15 inches, each 30c; 100, \$25.00

Cedrus

DEODORA (Himalayan or Indian Cedar)—Branches drooping; foliage silvery green. Very popular. Vigorous grower. **\$2.00 and up**

DEODORA VARIEGATA (Variegated Cedar)—A fine tree, same as Deodora with silvery white tipped foliage. **\$2.50 and up**

Cypress

***LAWSON'S**—Branches horizontal; foliage dark green. **2 to 4 feet 75c to \$1.25**

LAWSON BLUE—Of slender habit with silvery foliage. **Each \$2.00**

ALLUMII—Bright blue. **Each \$2.00**

LAWSONIANA DARLYENSSI—A strong grower; color a fine bright yellow. **Each \$1.50**

Fir

AMERICAN BALSAM—Prized for its delightful aroma. **1½ to 2 feet \$1.25**

EUROPEAN—Splendid; branches spreading, foliage broad and silvery. **2 to 3 feet \$1.25**

NORDMAN'S—Lustrous, deep green foliage; very symmetrical. **\$2.00 and up**

WHITE—A fine spruce; rapid growth; very hardy. Very attractive. **1½ to 2 feet \$1.50**

Hemlock

AMERICAN—Branches pendant and foliage deep green. **2 to 3 feet 75c; 10, \$6.50**

Holly—(Ilex)

We have a fine lot of Hollies, both seedling and grafted stock. If wanted in quantity, write for special prices.

ENGLISH (Aquifolia)—Prickly, dark green foliage; grows moderately fast, covered during the winter months with bright red berries. Prices: Berry-bearing trees, per foot, **\$1.00**; nice trees, **\$2.50 to \$6.00**; ordinary stock, per foot, **75c**; nice trees **\$1.50 to \$3.00**.

Variegated Hollies

Remarkably handsome lawn plants. The leaves are variously marked with yellow or white.

GOLDEN MARGINED—Leaves splashed with pale green; narrow, but irregular; golden edge. **Per foot \$1.00 to \$1.50**

SILVER MARGINED—Leaves long, dark green, slightly mottled, and with an irregular, narrowish silvery margin. **Per foot \$1.00 to \$1.50**

LARGE SPECIMEN HOLLY TREES

can be furnished with or without berries. Prices and sizes on request.

Juniper

IRISH—Pyramidal in form, foliage silvery gray; very striking. **1½ to 2 feet \$1.00**

SWEDISH—Similar to Irish, upright; one of the best. **1½ to 2 feet \$1.00**

COMMUNIS PFUTZERIANA—Graceful green foliage, horizontal branches, beautiful trailing evergreen. **4 to 6 ft., each \$3.00; pair \$5.00**

CANADENSIS REVESIANA—Same as Pfitzeriana though taller and straight. **4 to 6 feet, each \$3.00; pair \$5.00**

THUJA OCCIDENTALIS HOVEYI—Clear green color; slow growing. **Each \$1.50**

Magnolia Grandiflora

Choice well budded trees. **2½ to 4 feet, each \$1.00 to \$2.00; specimens, each \$3.00 to \$5.00**

Pine

AUSTRIAN—Splendid for seashore planting; growth rapid; quite hardy. **2 to 3 feet \$1.00**

SCOTCH—Robust growth; branches pendulous; leaves bluish green. **3 to 4 feet 75c; 10, \$6.50**

Spruce

***NORWAY**—A lofty, rapid grower; branches drooping. Fine for hedge or windbreak. **2 to 3 feet \$1.25**

NORWAY VARIEGATED GOLDEN—Foliage golden yellow; vigorous. **2 to 3 feet \$2.00**

COLORADO BLUE—The most beautiful of spruces; foliage silvery blue. **1½ to 2 ft. \$2.50**

DOUGLAS—Somewhat similar to our hemlock; rapid grower. **2 to 3 feet \$1.50**

Yew

ENGLISH—Slow growth, densely branched, head spreading, dark green leaves. **2 to 3 feet \$1.00**

IRISH—Upright, deep, dark green foliage. **2 to 3 feet \$1.50**

VARIEGATED—Same as Irish, but with part of foliage striped and margined with silvery white. **2 to 3 feet \$1.50**



Ornamental Climbing Vines

Clematis

Clematis is one of the most beautiful and useful climbers. Their magnificent flowers, borne in great profusion in beautiful shades of lavenders, purples, reds and white, make them especially attractive. Clematis requires a rich loamy soil, but manure should not touch the roots. Cut out the weak and surplus branches in the spring, and tie the vine up well to its support.

DUCHESS OF EDINBURG—Double, white.

LAWSONIANA—Light blue.

VILLE DE LYON—Red.

RAMONA—Beautiful lavender, best of its color.

MONTANA—White, anemone-like flowers. May to July; very hardy, rapid grower.

HENRYI—Fine, large, creamy white flowers; a strong grower and very hardy.

JACKMANII—Intense violet purple, with a rich velvety appearance; distinctly veined.

MAD. ED. ANDRE—A beautiful new variety; flowers red, large and abundant.

Choice plants of above sorts, each 60c
Large plants, each 75c to \$1.00, postpaid

CLEMATIS PANICULATA—A rapid and vigorous grower; it produces sheets of medium-sized, pure white flowers of the most pleasing fragrance; well adapted for covering trellises or fences.

Choice plants, each 35c to 40c; large, 50c to 60c.

Honeysuckle

BELGIAN—Flowers yellow, blotched with red above; blooms all summer, fragrant. Each 50c

JAPANESE—Evergreen; fragrant flowers white changing to yellow. Each 50c

HALL'S—Evergreen, very popular; white turning to yellow. Each 50c

Jasmine

JASMINE NUDIFLORUM—Branches drooping, enveloped with bright yellow flowers before leaves appear. Each 60c

JASMINE OFFICINALIS—Free-blooming, pure white flowers, star shaped, foliage delicate; evergreen. Each 60c

Wistaria

W. SINENSIS—(Chinese Wistaria)—Grows 15 to 20 feet in a season; has long pendulous clusters of pale blue flowers in May and June and in Autumn.

Choice plants, \$1.50. to \$2.50.

WISTARIA CHINENSIS VARIEGATED—Yellow variegated leaves, pretty after flowering for the beautiful speckled foliage which is very attractive among other green foliage. Flower same as common Chinese Wistaria.

\$1.50 to \$2.50

W. MULTIJUGA—Similar to Wistaria Sinensis except in color of flowers which are dark violet blue, borne in very long-racemes.

Each \$1.50 to \$2.50

WISTARIA MULTIJUGA PINK—Same as above only flowers are light pink. A very rare sort.

\$1.50 to \$2.50

W. BRACHYBOTRYS—White flowering.

\$1.50 to \$2.50

Small plants of above varieties for Spring delivery at 50c to \$1.00.

Ampelopsis

VEITCHI "Boston Ivy"—Leaves glossy green, coloring bronze in fall; flowers small; berries deep blue. Each 50c

QUINQUEFOLIA "Virginia Creeper"—Common American Ivy. Each 50c

English Ivy

Large, thick, shining, leathery leaves; evergreen. Each 35c

Trumpet Vine

BIGNONIA GRANDIFLORA—(Trumpet Vine)—Strong climber; deciduous; flowers orange scarlet. Each 50c

BIGNONIA TWEEDEIANA—Evergreen-clinging; flowers canary yellow. Each 50c

Dutchman's Pipe

ARISTOLOCHIA SIPHO—A handsome bright green luxuriant vine, having large foliage and brownish, pipe-shaped flowers. A strong, rapid grower. Strong plants. Each 50c

Pink Passion Vine

A rapid growing, attractive vine, flowering freely throughout the summer and fall. Plant out in April or May. Each 50c


ANNUAL VINES — *Cobaea Scandens*, *Wild Cucumber*, *Canary Bird*, *Morning Glory*, *Nasturtiums*, etc. — **SEEDS AND PLANTS IN SEASON**



D IAMOND QUALITY ROSES are large, sturdy, two-year-old, field-grown roses that will give you splendid flowers the first season. They are true to name and our list includes the best of the well known popular varieties, the most meritorious of recent novelties and the Gold Medal roses of famous European growers.

PRICES—35c roses, \$3.00 doz.; 40c roses \$4.00 doz.; 50c roses \$5.00 doz.; 60c roses \$6.00 doz.
75c roses \$8.00 doz.; \$1.00 roses \$10.00 doz.

OREGON GROWN ROSES Are ready for Fall delivery in October in late November and December. Most all stock offered for Fall delivery is budded 2-year Field Grown Roses, as many varieties do not give good results grown on their own roots. But for those who prefer "own root" Roses we can secure most varieties.

 We offer a splendid assortment of popular roses and the best of the new ones, and can secure any variety in commerce, **TRUE to NAME.**

BEAUTIFUL ROSES OF RECENT INTRODUCTION

The following are the recent novelties and Gold Medal roses that have proven their merit and are now generally in great demand.

Fine 2-year Dormant Plants 50c; \$5.00 per doz. unless otherwise priced.

10 SUPERB NEW GARDEN AND EXHIBITION ROSES

GORGEOUS—Strong, vigorous growing with handsome olive-green foliage. Flowers very large, finely formed, produced freely on stout canes. Color deep orange-yellow heavily veined with reddish copper. **Each \$1.00**

HADLEY—(H. T.)—Color, beautiful bright red. Very free and constant.

HOOSIER BEAUTY—Crimson scarlet with darker shadings, velvety texture. Bud long and pointed. Deliciously fragrant.

H. V. MACHIN—(H. T.)—A splendid exhibition variety. Color, intense scarlet crimson. Well formed flowers of immense size.

TIPPERARY—Beautifully formed buds of a bright canary yellow, produced with great freedom. A fine new Irish rose with all the requisites of a good garden and decorative variety. **Each 75c**

LADY MARY WARD—(H. T.)—Free, vigorous and hardy, color rich orange, shaded deeper orange with metallic veining.

LOS ANGELES—Described by the originator as "a flame pink toned with coral and shaded gold at base of petals." Buds long, pointed and lasting. The flowers are very large and the beauty of coloring does not fade. Flowers profusely all season on strong shoots. The foliage is a rich, luxuriant glossy green. Two-year field grown plants. **Each \$1.00**

MAD. EDOUARD HERRIOTT—The famous winner of the Daily Mail Prize. The color being terra-cotta bronze and geranium red, a new combination of colors in a rose.

OLD GOLD—(H. T.)—Medium sized flowers of a vivid reddish orange color with coppery red and coppery apricot shadings.

QUEEN MARY—(H. T.)—Color lemon chrome, bordered at the edge with pure, deep carmine; a charming combination. **Each 75c**

AUTUMN TINTS—(H. T.)—A splendid bedding rose producing medium size flowers in great profusion. Color, coppery red, shaded orange and salmon with rich bronze green foliage. Very effective.

BRITISH QUEEN—(H. T.)—Pure white large, full flowers, opening freely. Fine for cutting.

DUCHESS OF WELLINGTON—(H. P.)—Intense saffron yellow stained with rich crimson which, as the flower develops, becomes deep coppery saffron yellow. Delightfully fragrant.

COUNTESS OF SHAFTESBURY—(H. T.)—Bright, silvery carmine, mottled and flushed shell pink. Profuse bloomer.

EDWARD MAWLEY—(H. T.)—Long pointed buds of deep, rich, velvety crimson, a decided advancement in its class.

GEORGE DICKSON—(H. T.)—Very strong and vigorous; velvety blackish crimson, with back of petals heavily veined with pure crimson maroon. Delightfully scented.

Beautiful Roses of Recent Introduction—Continued

JULIET—(H. B.)—A wonderful combination of old gold on the outside of petals and a rich rosy red on the inside. Flowers large and full.

LADY HILLINGDON—(T.)—Deep apricot yellow, long and pointed bud, a fine forcing or garden rose, excellent for cutting.

LADY ALICE STANLEY—(H. T.)—Large, full flowers of lovely, deep coral, inside pale flesh. A free grower and a profuse bloomer.

LOUISE CATHERINE BRESLAU—(H. T.)—Coral red, shaded chrome yellow, opening to a flower of shrimp pink, shaded coppery orange.

LYON—(Pernetiana)—Beautiful shrimp pink with salmon and chrome yellow shadings. Large, coral red buds, beautifully formed.

MADAME MELANIE SOUPERT—(H. T.)—Splendid new orange yellow shaded pink; beautiful, long-pointed buds. Best of its color.

MARQUIS DE SINETY—(H. T.)—Deep saffron yellow, flushed reddish copper. Flower large, beautiful dark foliage.

MELODY—(H. T.)—Intense deep saffron yellow with primrose edges. Blooms medium size, very fragrant and freely produced.

MRS. AARON WARD—(T.)—A deep golden orange color shading out to lemon or creamy yellow at the edge of the petals. One of the most beautiful roses in existence.

MRS. CORNWALLIS WEST—(H. T.)—Large flowers, of rosy shell pink, changing to pure white with age. Growth vigorous and erect.

MRS. DAVID McKEE—(H. T.)—Creamy yellow, large, full and free. Best of its color.

MRS. E. J. HOLLAND—(H. T.)—Deep salmon rose, shading lighter as the flower expands.

MRS. FOLEY HOBBS—(T.)—Immense flowers of ivory white, delicately tinged pink on edge of petals. A great bedding rose. **Each 60c**

OPHELIA—(H. T.)—Orange salmon buds, opening to flowers of dainty pink. The foliage is clean, dark and leathery—growth vigorous and free, producing long canes. Blooms early and continuously. **Each 60c**

RAYON D'OR—(Pern)—Long, pointed buds of deep orange-cadmium smeared claret, opening to a rich sunflower yellow. Foliage is deep, glossy green; and free from mildew.

SUNBURST—(H. T.)—The finest of all yellow roses with long pointed buds. Color a superb Cadmium yellow with orange yellow center. The foliage is a handsome bronze green.

GRAND GARDEN ROSES

In this list you will find many famous prize winners and some of the most beautiful and popular roses.
Two-year-old Plants 40c.

DOROTHY PAGE ROBERTS—(H. T.)—Coppery pink, suffused with apricot yellow, very free and perpetual, a delightful garden rose.

JONKHEER J. L. MOCK—(H. T.)—Inside of petals red, outside silvery blush white. Rapid grower.

JOSEPH HILL—(H. T.)—Salmon pink shaded yellow. Outside petals yellow suffused copper.

LADY ROBERTS—(T.)—Rich apricot, base of petals coppery red, edges shaded orange.

LE PROGRESS—(H. T.)—Nankeen yellow, opening to saffron yellow; large and full.

MAD. RAVARY—(H. T.)—Clear orange yellow. Long pointed buds; flowers of fine form.

MILDRED GRANT—(H. P.)—Delicate pale pink, shading to silvery white in center; grand giant variety; rare beauty; pointed buds.

MRS. A. R. WADDELL—(H. T.)—Large, long pointed buds of a bright, rosy scarlet, opening to a rich apricot or salmon color.

MY MARYLAND—(H. T.)—Beautiful, bright pink, with paler edges; fragrant; robust grower.

PHARISAER—(H. T.)—Rose, shaded salmon, flowers of large and finest form; blooms freely.

MRS. DAVID JARDINE—(H. T.)—Delightful shade of bright, rosy pink, shading in outer petals to salmon pink; large, highly perfumed.

MADAME PHILLIPPE RIVOIRE—(H. T.)—Beautiful apricot yellow and Nankeen yellow center, reverse of petals carmine; large and full.

Favorite Garden and Exhibition Roses

A choice collection of the best standard varieties, "tried and true," sure to give satisfaction.
Price: Two-year field grown plants 35c—Doz. \$3.00.

AMERICAN BEAUTY—(H. P.)—One of the largest, sweetest and best; rich rosy crimson, shaded and veined in a most charming manner.

AVOCA—(H. T.)—Deep scarlet crimson flowers of perfect form; very fragrant.

BESSIE BROWN—(H. T.)—Creamy white; large full, of very fine form. An exhibition rose.

BETTY—(H. T.)—Beautiful coppery rose color, overspread with golden yellow. Fragrant.

COUNTESS OF GOSFORD—(H. T.)—Clear salmon pink, base of petals shading to saffron yellow, very vigorous; perpetual bloomer.

DEAN HOLE—(H. T.)—Beautiful silvery carmine, shaded bright golden pink. Free bloomer.

ETOILE DE LYON—(T.)—Sweet scented; color, rich golden yellow; blooms freely.

FLORENCE PEMBERTON—(H. T.)—Creamy white, suffused pink. Very large and full.

FRANZ DEEGAN—(H. T.)—This beautiful yellow is a fine grower, having the good habit of throwing up numerous heavy canes.

GENERAL MCARTHUR—(H. T.)—Dazzling crimson scarlet; delicious perfume and magnificent foliage. Blooms in great profusion.

GRUS AN TEPLITZ or VIRGINIA R. COXE—(H. T.)—Color, fiery crimson, with a dark velvety sheen, very fragrant. Free blooming.

J. B. CLARK—(H. T.)—Flowers are intense scarlet shaded blackish crimson, of giant size, finely formed and fragrant; growth vigorous.

Favorite Garden and Exhibition Roses—Continued.

- KAISERIN AUG. VICTORIA**—(H. T.)—Elegant, large pointed buds; large, full double flowers; color delicate creamy white; fragrant.
- KILLARNEY**—(H. T.)—An exquisite shade of deep shell-pink lightened with silvery pink.
- LA DETROIT**—(H. T.)—A beautiful shell-pink shading in center to soft rose pink. Reverse of outer petals creamy-flesh tint, strong grower.
- LADY ASHTOWN**—(H. T.)—One of the finest pinks of a rich, deep, silvery tone; flowers large.
- LADY BATTERSEA**—(H. T.)—Long, oval buds, sharply pointed; bright, cherry crimson.
- LA FRANCE**—(H. T.)—A silvery rose, changing to pink. A general favorite. Sweetest of all roses.
- MAD. ABEL CHATENAY**—(H. T.)—Color, beautiful rosy carmine, with darker shadings.
- MADAME CAROLINE TESTOUT**—(H. T.)—Bright satiny pink; very fragrant and free in bloom. The official "Carnival Rose."
- MAMAN COCHET**—(T.)—Color is a deep rosy pink, the inner side of the petals silvery rose.
- MARIE VAN HOUTTE**—(T.)—Of a fine faultless straw-yellow color; outer petals washed and outlined with a bright rosy carmine.
- MME. LEON PAIN**—(H. T.)—A silvery flesh with yellowish orange center; large and full.
- PAPA GONTIER**—(T.)—A vivid cherry red color, shaded yellow, reverse of petals crimson.
- PERLE DES JARDINS**—(T.)—A clear, golden yellow, an indescribably rich, beautiful shade.
- PRINCE DE BULGAIRE**—(H. T.)—Very vigorous grower, with large, bright green foliage. Outer petals are extremely large, of superb rosy flesh color; bright red center.
- PRES. W. R. SMITH**—(T.)—(Maidenblush)—Elegantly shaped buds and open flowers of exquisite silvery pink color; sweetly perfumed.
- RICHMOND**—(H. T.)—Vivid red buds and flowers of the most perfect and desirable form.
- SAFRANO**—(T.)—Bright apricot yellow, tinged orange and fawn.
- SOUV. DE PIERRE NOTTING**—(T.)—Very large; elegant form; has a beautiful long bud; color, orange yellow, bordered in carmine rose.
- SOUV. DE PRESIDENT CARNOT**—(H. T.)—Lovely shell-pink, delicately tinted with gold fawn on rich creamy white. Superb for bedding.
- VISCOUNTESS FOLKESTONE**—(H. T.)—Color, delicately tinted flesh, almost white, with beautiful satin finish; strong stems.
- WHITE KILLARNEY**—(H. T.)—Long pointed buds of purest white and heavy wax-like texture opening to large full flowers; very lasting.
- WHITE LA FRANCE**—(H. T.)—This magnificent rose is a pure white La France, having just a breath of rose-tinted blush.
- WHITE MAMAN COCHET**—(T.)—Immense size, exquisitely fragrant; long, pointed buds.

Finest Hardy Perpetual Roses

- FOR** Eastern Oregon and Washington or in sections where the winters are severe, this collection will thrive and bloom freely where the Tea and Hybrid Tea roses would not prove satisfactory.
- Young Plants, 15c; Set of 15 sorts, \$1.50. Two-year-old Plants, 35c each; \$3.50 per dozen.**
- BARONESS ROTHSCHILD**—(H. P.)—Flowers of immense size; color bright rosy pink.
- CAPTAIN HAYWARD**—(H. P.)—Immense flowers in great freedom, sweetly scented. Color deep glowing red shaded crimson.
- CONRAD F. MEYER**—(Rug.)—Beautiful silvery pink, very hardy, its handsome foliage makes it most valuable for a flowering hedge.
- FRAU KARL DRUSCHKI**—(H. P.)—The white American Beauty. Makes splendid buds and immense flowers; perfectly double.
- GLOIRE LYONNAISE**—(H. P.)—Color, chamois yellow, deepest at the center, passing to creamy white; large, full, sweet, very distinct.
- GENERAL JACQUEMINOT**—(H.P.)—Bright, shining crimson; very rich and velvety.
- HUGH DICKSON**—(H. P.)—Glowing crimson-shaded scarlet. A strong grower and perpetual bloomer (should be cut back freely).
- MABLE MORRISON**—(H. P.)—Of purest velvety white; very double and rounded.
- MARGARET DICKSON**—(H. P.)—White, with pale flesh center; large, shell-shaped petals; fragrant.
- MRS. JOHN LAING**—(H. P.)—A soft, delicate pink, with satiny tinge; very free flowering.
- MRS. R. G. SHARMAN CRAWFORD**—(H. P.)—Lovely deep rose pink, outer petals shaded pale flesh, base white. Large flowers.
- PAUL NEYRON**—(H. P.)—Deep, shining rose, blooms freely, the largest variety in existence.
- PINK DRUSCHKI** (Geo. Arends) — (H. P.)—Moderately large full flower of beautiful bright pink. Is of free flowering habit and highly perfumed. Considered the best of the so-called pink Druschki.
- PRINCE CAMILLE DE ROHAN**—(H. P.)—Dark, rich, velvety crimson, passing to intense maroon, shaded black; best of its color.
- ULRICH BRUNNER**—(H. P.)—Extra large, bold flowers, full and globular; color, rich, glowing crimson, elegantly flamed with scarlet.

Baby Rambler or Dwarf Polyanthus Roses

Price: Young plants 15c ea.—set of 6 sorts 75c—2-year-old plants 35c ea.—except as noted

- BABY RAMBLER**—(Dwarf Bush Type)—Not over 18 inches high, producing large trusses of light crimson flowers; clean dark green foliage.
- PINK BABY RAMBLER**—(Mrs. W. Cutbush)—Clusters of pretty double bright pink flowers; freely produced in panicles, always in bloom.
- CECILE BRUNNER**—Bright, rose, yellowish in center; very sweet; dwarf polyanthus.
- ERNA TESCHENDORF**—A valuable sport from Mad.N.Levavasseur. Color, deep crimson.
- GEORGE ELGER**—Free blooming, erect growth, golden coppery yellow. **Each 40c**
- JEAN DE ARC**—Miniature double white flowers in large clusters surmount plants all summer.
- JESSIE**—Bright scarlet shaded crimson. Flowers double and in great clusters. Very free.
- ORLEANS**—(Poly)—Clusters of bright rosy red flowers, with centers shaded to pure white.
- PERLE D'OR**—Clusters of dainty Nankeen yellow buds with orange center, very beautiful.

Climbing and Pillar Roses

Two-year-old bushes, Field Grown 35c each; \$3.00 doz. (except as noted)

AARD'S PILLAR—Rich velvety crimson; fine large, full flower, cupped form; a fine, hardy, free-blooming, free-growing garden rose.

AMERICAN PILLAR—(WICH)—A beautiful bright pink with yellow anthers.

BEAUTY OF GLAZENWOOD—Bronzed yellow or copper and fawn color. Hardy and free.

CLI AMERICAN BEAUTY—Rich crimson color; delightful fragrance; very free bloomer.

CLIMBING BELLE SIEBRECHT—(C. H. T.)—Flowers identical with bush type; vigorous climber; hardy.

CLIMBING CECIL BRUNNER—Clusters of pretty pink flowers, especially beautiful in bud.

***CLIMBING FRAU KARL DRUSCHKI**—Identical to bush type; good pillar rose. Ea. 50c

CLIMBING KAISERIN (Mrs. Robert Peary)—Flowers large, ivory white, of heavy texture.

CLIMBING LA FRANCE—Identical with the well known La France; vigorous climber.

***CLIMBING LADY ASHTOWN**—Vigorous climbing sport of this valuable rose. Each 50c

CLI. MADAME CAROLINE TESTOUT—Immense globular flowers of the same beautiful shade of pink as seen in the bush sort.

CLIMBING METEOR—Rapid grower; rich, dark, velvety crimson flowers.

CLIMBING WHITE MAMAN COCHET—Identical with bush type; vigorous free bloomer.

DUCHESSE D'AUERSTADT—Fine rich yellow, flowers are large, full and open freely. Each 50c

GAINSBOROUGH—Graceful flower of dainty shell pink color and satiny finish. Very hardy.

GLOIRE DE DIJON—Free flowering; delicate tea scent; color, a blending of amber.

SILVER MOON—Magnificent large white semi-double blooms of good substance with golden stamens. Flowers are carried on long stems. Foliage is abundant, delightfully fragrant of a bronze green color and is immune to mildew. Each 50c

MADAME ALFRED CARRIERE—Full flowers, very double and sweet; color, rich, creamy white, faintly tinged pale yellow and blush.

MARECHAL NEIL—A magnificent deep golden yellow variety; so famous as to need no description; finest of its color. Each 40c

CLIMBING PAPA GONTIER—(T.)—A "Native Sport" from this favorite variety.

PINK CHEROKEE—Lovely single blossoms 3 to 5 inches in diameter, saucer shaped and of a beautiful shade of light pink.

REINE MARIE HENRIETTE—Flowers large and full; glowing crimson, elegantly shaded.

RED CHEROKEE—Growth and habit similar to pink and white Cherokee.

WHITE CHEROKEE—Strong erect grower. Large pure white flowers borne profusely.

WILLIAM A. RICHARDSON—Rich coppery yellow, flushed carmine; a beautiful variety.

DR. VAN FLEET—Large, fully double blooms of a dainty flesh pink with rosy center. Flowers of perfect form with reflex petals and are carried on long stems, making this a desirable variety for cutting. Foliage is luxuriant bronze green. Each 50c

The Popular Rambler Roses

The Rambler Roses are strong, vigorous climbers, growing ten to twelve feet high in one season.

Price: Young plants 15c each; 4 sorts 50c; two-year-old plants, 35c each; dozen \$3.00.

FLOWER OF FAIRFIELD—Brilliant crimson, base of petals white; a splendid grower and a great improvement over the old type.

PHILADELPHIA RAMBLER—An improved type of the favorite Crimson Rambler; color, deeper, and more brilliant; flowers double.

VEILCHENBLAU (Blue Rambler)—Large trusses of semi-double flowers, opening pink, but quickly change to a violet, or steel blue.

DOROTHY PERKINS—Polyanthus type; a beautiful bright shell pink; large double flowers.

RED DOROTHY PERKINS—Fine crimson Rambler; glossy green foliage; never troubled with mildew. Flowers very double.

TAUSENDSCHON—A lovely shade of soft pink, free and vigorous; splendid foliage.

YELLOW RAMBLER—Pure, bright yellow; same type and growth as Crimson Rambler.

WHITE DOROTHY—A sport from Dorothy Perkins, possessing all the fine qualities of that grand variety, but having pure, white flowers.

Single Roses

AUSTRIAN COPPER—(A. B.)—A beautiful single rose of bright reddish copper. Each 50c

IRISH ELEGANCE—(S.)—Large, single, golden bronze flowers of great beauty, free and constant bloomer, with deep bronze foliage. Ea 50c

IRISH FIREFLAME—(S.)—Deep orange splashed crimson, changing to fiery orange crimson; buds hold shape long time. Ea. 50c

IRISH SIMPLICITY—(S.)—Almost single; pure white, of immense size, with golden yellow anthers resembling a huge water lily. Ea. 50c

Moss Roses

Price, each 35c; dozen \$3.00

BLANCHE MOREAU—Flowers pure white, large, sweetly perfumed. Best white Moss Rose.

CHAPEAU DE NAPOLEON—Splendid rich red, best of its color.

CRESTED MOSS—Bright rose, light edging, well mossed.

EUGENE GUINOISSEAU—Beautiful dark red.

SALET—Color, lovely satin rose; very full and of great beauty; one of the best.

Standard, or Tree Roses

Tree roses are budded, or grafted on hardy rose stocks about four feet high. They soon make good size heads, forming a small tree; desirable for planting as single specimens, in backgrounds or rows along walks or driveways.

Order any color or variety you wish and we will send it or give you a good substitute.

PRICE: Tree or Standard Roses, \$1.00 to \$1.50 each, according to size of head.

HYACINTHS




OUR named Hyacinths have massive spikes of bloom of the most delicate and beautiful shades from pure white through blush to pink, rose and deepest red, from dainty porcelain shades of blue to blue black and from cream to yellow, apricot and orange. Their dainty wax-like flowers, rare fragrance and easy culture endear them to every grower and they can be had in bloom from early winter to late spring.

Our "XX" Grade—For those of our customers who want to produce Hyacinths of the grandest size and finest quality, we recommend our "XX" grade. These are extra choice, large, round, solid bulbs, selected especially for our best trade by our Holland growers. They will produce those handsome, mammoth flowers so highly prized, and are excellent for forcing and pot culture.

Our "X" Grade—This grade is usually bought, and we sell more of this price and size bulb than any other. Our "X" grade is equal, if not superior, to the "First" or "Select Grade" offered by many seed stores.

Culture of Hyacinths

OUTDOOR CULTURE—The preferable season is October, November and December, but bulbs give good results, if planted somewhat later. Plant so that the tops of the bulbs will be from two to three inches below the surface and five to eight inches apart. In preparing the bed, see that it is well drained, so that the bulbs will not rot during our long wet winters. After flowering, if the beds are wanted for late spring planting take up the bulbs, top and roots, and "heel in" in some corner of the garden until the bulbs mature, after which they should be spread out in an airy room to dry, and kept in a cool, dark place until time for replanting the following autumn.

 When ordering Hyacinths for bedding refer to the table inside of front cover for number of bulbs required.


The assorted bedding Hyacinths we offer are fine large bulbs that will produce splendid spikes of bloom in the best colors. They are very low in price and much superior to the mixed bedding Hyacinths commonly sold and which are generally so variable in their shades of color as to spoil the general effect of the planting.

INDOOR CULTURE IN POTS—Bulbs for winter blooming can be planted from September until December—the earlier the better. Plant one bulb to a four-inch, or three to a six-inch pot. Then place in a cool, dark cellar, watering well. The whole success of pot culture depends on getting the roots well established in the pots, at a low temperature of say, 40 to 50 degrees, before you begin to force the tops. From four to six weeks is not too long to leave them in a dark, cool place. After this the bloom is easily developed by giving light, heat and water, and one can have a supply of flowers from Christmas until Easter by regulating the time of bringing them to light.

CULTURE IN GLASSES—When it is desired to grow Hyacinths or Narcissus in water, they should be placed so that the base of the bulb merely touches the water. The glass should then be set in a cool, dark place, until filled with roots, when they may be brought into the light. Fill the glasses with fresh water every few days. Give as much fresh air as possible without letting the plants stand in a draught, and as near as possible at a temperature of 60 degrees until the spikes are developed.

DIAMOND QUALITY BEDDING HYACINTHS ASSORTED COLORS

A superior grade of selected bulbs, generally used for planting outdoors in making up beds, borders or large displays, but are equally good for forcing.

SINGLE—Pink, Red, Pure White, Blush White, Yellow, Dark and Light Blue.
 Each 10c; doz. \$1.00. Per 100 \$6.50.

DOUBLE—Pink, Red, White, Pure White, Yellow, Dark and Light Blue. Each 10c; doz. \$1.00 Per 100 \$7.00.

PRICES except where noted
 XX Grade.....Each 20c; Doz.....\$2.00 Postpaid
 X Grade.....Each 15c; Doz..... 1.50 Postpaid
 State varieties preferred. Special prices by the hundred.

ARENTEINE ARENDSE—Grand, pure waxy white flower, with large spike and bells.

BRITISH QUEEN—Pure white, very fine for early forcing, large compact spikes.

BARONESS VAN THUILL—Large, pure white, compact spikes, early, grows well in glasses.

LA GRANDESSE—Extra fine snow white, large spikes, a grand exhibition variety.

L'INNOCENCE—One of the earliest; pure white; fine for forcing.

MADAM VAN DER HOOP—Pure white. Fine for general planting; erect habit.

PAIXDE L'EUROPE—Large pure-white flower, drooping bells.

GRAND BLANCHE—A fine blush white, flowers large and of excellent quality.

GRANDEUR A MERVEILLE—Lovely blush white, the best of its color; very large spikes.

BALL OF GOLD—Large compact spike, golden yellow, best of its color.

IDA—Pure yellow, early forcer, fine large spike.

KING OF YELLOWS—Bright golden yellow, grand spikes, a superior bedding variety.

YELLOW HAMMER—Golden yellow, extra fine flower, forces easily; exhibition variety.

ALEXANDER OF ORANGE—Bright orange, large truss.

SUNFLOWER—Pure yellow, best of its color.

 Bulbs prepaid in U. S. only. Postage to Canada, Alaska and outside points extra



TULIPS

Select Large Solid Bulbs

Whether planted in masses or small beds Tulips produce a handsome and striking effect. They are equally desirable as pot plants and are always sure to bloom. Any good garden soil will grow them to perfection and no bulb makes such a gorgeous display of blossoms with so little cultivation

CULTURE—The culture of Tulips is similar to that of Hyacinths, except that the bulbs should not be planted quite so deep, and from three to six inches apart. All single Tulips force easily. For indoor planting we have regular Tulip pans. Plant four bulbs to a six-inch pan; eight to an eight-inch pan, etc.

The letters A, B, C, following the varieties, indicate their earliness of bloom; the A's are the earliest, B's follow, etc. The average height in inches is also given for your benefit in selecting for bedding purposes.

Outdoors—Early or late planting does not seem to have much effect on Tulips, but they should be planted in fresh, rich soil, but not freshly manured, manuring should be done six months before planting.

Single Early Scarlet Tulips

- ARTUS, B 7**—Deep, brilliant scarlet, fine for forcing or bedding. Ea. 5c; doz. 50c; 100 \$3.00
- BELLE ALLIANCE, B 7**—Brilliant scarlet, sweet scented, excellent for forcing and bedding. Each 5c; doz. 55c; 100 \$4.00
- COULEUR CARDINAL, B 10**—Rich bronze scarlet, long stems; splendid for bedding and forcing. Each 7c; doz. 75c; 100 \$5.50
- CRAMOISE BRILLIANT, B 10 (Sparkler)**—Bright vermilion, large flowers of great substance, fine forcer. Ea. 6c; doz. 50c; 100 \$3.75
- POTTEBAKKER, A 8**—Bright scarlet; large fine flower, good for forcing or bedding. Each 5c; doz. 40c; 100 \$3.00
- PRINCE OF AUSTRIA, B 12**—Bright orange vermilion, sweet-scented, fine forcer and bedder. Each 5c; doz. 50c; 100 \$3.50
- VERMILION BRILLIANT, B 8**—One of the largest and finest scarlets; forces easily and early. Each 7c; doz. 75c; 100 \$5.50

Single Pink

- ROSE GRISDELIN, B 7**—Beautiful delicate pink., Each 5c; doz. 40c; 100 \$3.00
- QUEEN OF THE NETHERLANDS, A 13**—Large, light pink, fine globe-shaped flower. Each 5c; doz. 55c; 100 \$4.00
- QUEEN OF PINKS, A 15 (Princess Wilhelmina)**—Deep rosy red, flushed white; very beautiful. Each 5c; doz. 55c; 100 \$4.00
- PROSERPINE, A 12**—Fine glossy carmine pink, large and early forcer and a splendid bedding Tulip. Each 7c; doz. 75c; 100 \$5.50
- ROSE LUISANTE, B 9**—Deep pink, extra fine bedder; forces well. Each 7c; doz. 75c 100 \$5.50

Single White

- ALBION, B 10 (White Hawk)**—One of the finest pure white in cultivation for forcing and bedding. Each 5c; doz. 55c; 100 \$4.00
- L'IMMACULEE, B 9**—Pure white; good for forcing and bedding. Each 5c; doz. 40c; 100 \$3.00
- LA REINE, B 8**—Pure white; best white Tulip for forcing and bedding. Each 5c; doz. 40c; 100 \$3.00

Fine Single Mixed—All colors and shades; fine for bedding. Ea. 5c; doz. 40c; 100 \$3.00

Single Yellow

- CHRYSOLOLA, A 9**—Pure golden yellow, large and fine; excellent for bedding. Each 5c; doz. 55c; 100 \$4.00
- GOLD FINCH, B 9**—Golden yellow, sweet scented; forces easily and early; a good bedding sort. Each 5c; doz. 50c; 100 \$3.50
- THOMAS MORUS, A 12**—Apricot orange. The finest forcing Tulip of its color, very early. Each 5c; doz. 40c; 100 \$3.00
- PRIMROSE QUEEN, B 10**—Rich sulphur yellow; a splendid forcer and good keeper. Florists should try this. Ea. 6c; doz. 50c; 100 \$3.75
- YELLOW PRINCE, B 9**—Sweet scented; one of the very best for forcing; a fine yellow. Each 5c; doz. 40c; 100 \$3.00

Single Early Violet

- PRESIDENT LINCOLN, B 8**—Pretty shade of lilac violet. Each 6c; doz. 60c; 100 \$4.50
- WOVERMAN, B 8**—Purple violet, large flowers; fine for out door planting. Each 6c; doz. 60c; 100 \$4.50

Single Variegated Tulips

COTTAGE MAID, B 9—White bordered with pink, extra fine. Each 5c; doz. 50c; 100 \$3.50

DUCHESS DE PARMA, G 10—Terra Cotta with yellow edge, good bedding variety.

Each 5c; doz. 50c; 100 \$3.50

JOOST VAN VONDEL, B 9—Deep, glossy, cherry red and white, large and attractive.

Each 5c; doz. 55c; 100 \$4.00

KEIZERSKROON, B 9—Bright red, with yellow edge; very large, no other Tulip makes such a handsome bed. Each 5c; doz. 55c; 100 \$4.00

Single Tulips—May Flowering

These are to be grown in the open ground only, each individual blossom being a marvel of beauty in itself. They grow from 18 to 24 inches high and appear at their best when used in the border, the fore-ground of shrubbery or buildings, or out of the way corners of garden, where, if left undisturbed, they will bloom with increasing beauty for years. They are extremely hardy and the flowers borne on long, strong stems are good keepers when cut.

AVIS KENNICOT,—Deep yellow, long stems; a splendid new variety.

Each 7c; doz. 75c; 100 \$5.50

BOUTON D'OR—The only late pure deep golden yellow. Each 5c; doz. 50c; 100 \$3.50

CALEDONIA—Bright orange scarlet. Fine for outdoor cutting.

Each 5c; doz. 40c; 100 \$3.00

ELEGANS ALBA—White with red penciling on margin, gracefully reflexed petals, yellow anthers.

Each 7c; doz. 75c; 100 \$5.50

ELEGANS-RED—Dark rich crimson, reflexed petals. Same beauty of form as Elegans Alba.

Each 5c; doz. 40c; 100 \$3.00

ELLEN WILLMOTT—An exquisite shade of rich creamy yellow; delicious fragrance; long keeper. The finest May flowering Tulip.

Each 7c; doz. 75c; 100 \$5.00

FAIRY QUEEN—Rosy heliotrope, broadly margined yellow; inside of petals brownish red.

Each 5c; doz. 50c 100 \$3.50

GESNERIANA SPATHULATA—Bl o o m s large; color rich crimson with dark center.

Each 5c; doz. 40c; 100 \$3.00

GESNERIANA LUTEA—Deep yellow, fine large flower. Each 5c; doz. 40c; 100 \$3.00

GOLDEN CROWN—Deep yellow, with crimson edge; very showy. Ea. 5c; doz. 40c; 100 \$3.00

ISABELLA—(Shandon Bells)—Cream turning to carmine, large. Each 5c; doz. 40c; 100 \$3.00

INGLESCOMBE PINK—Salmon pink with blue base; one of the finest of the large May flowering Tulips. Each 5c; doz. 50c; 100 \$3.50

INGLESCOMBE SCARLET—Same form as the pink type. Color a rich scarlet black base.

Each 5c; doz. 55c; 100 \$4.00

INGLESCOMBE YELLOW—A large fine yellow of perfect form; may be used for yellow Darwin.

Each 7c; doz. 75c; 100 \$5.50

LA MERVEILLE—A large bright scarlet, suffused apricot orange; graceful long pointed petals.

Each 5c; doz. 40c; 100 \$3.00

MRS. MOON—Large orange yellow. The best of its color. Each 7c; doz. 75c; 100 \$5.50

PICOTEE—White with a pink border; fine for cutting. Each 5c; doz. 50c; 100 \$3.50

PRIMROSE BEAUTY—Soft primrose, changing to white; a magnificent flower of the Willmott type. Each 5c; doz. 40c; 100 \$3.00

WHITE-SWAN—A lovely egg-shaped pure white flower on long stems; extra fine cut flower. Each 5c; doz. 40c; 100 \$3.00

Early Double Tulips

THE double Tulips are used mostly for outdoor planting and bloom a little later than the early Single Tulips. Being double and full, the blooms last longer. This, with the great variety of colors, shades and markings, makes them favorites with many.

BOULE DE NEIGE (Purity). A—Pure white large peony-like flower.

Each 5c; doz. 50c; 100 \$3.50

COURONNE D'OR, B 8—The best double yellow for forcing.

Each 7c; doz. 75c; 100 \$6.00

DUKE OF YORK, B 10—A lovely carmine having a white edge; very showy; fine for bedding.

Each 6c; doz. 50c; 100 \$3.75

GLORIA SOLIS, A 9—Deep crimson, with a broad, golden yellow margin; a grand flower.

Each 5c; doz. 55c; 100 \$4.00

LA CANDEUR, B 8—Pure white, very full and double; extensively grown in open beds.

Each 6c; doz. 50c; 100 \$3.75

MURILLO, B 8—Decidedly the best double pink Tulip for forcing or bedding; flowers large and full. Each 5c; doz. 55c; 100 \$4.00

RUBRA MAXIMA, B 9—Bright crimson scarlet; splendid for bedding; cannot be forced, flowers large. Each 5c; doz. 55c; 100 \$4.00

SALVATOR ROSA, A 7—Beautiful deep rose, flamed with white; fine for forcing.

Each 6c; doz. 60c; 100 \$4.50

TITIAN—Scarlet, edged yellow. Height, 12 inches. Each 7c; doz. 75c; 100 \$5.50

TOURNESOLL, A 9—Bright red, with yellow edge, sweet scented, large flower. Easily forced. Each 7c; doz. 75c; 100 \$5.50

VUURBAAK, B 14—Bright scarlet, flushed orange; very attractive.

Each 7c; doz. 75c; 100 \$6.00

EARLY DOUBLE MIXED—This mixture contains a large and choice assortment of all colors and shades; very suitable for outdoor planting.

Each 5c; doz. 50c; 100 \$3.50

Giant Darwin Tulips

Darwins are rapidly becoming the most popular Tulip for outside planting. They flower in May, are of giant size and have a majestic beauty distinctively their own that is invaluable for garden and landscape effects. They come in the most varied and brilliant colorings, and their immense globular flowers of perfect form and satiny, wax-like texture, long stems and lasting qualities, make them ideal for cutting.

For best effects Darwins should be planted in clumps of from 15 to 25 bulbs of one color, or in the fore-ground of shrubs, trees, borders, or buildings. They prefer partial shade, but will thrive in any location.

BARTIGON—Carmine red; a great favorite and fine for forcing.

Each 8c; doz. 75c; 100 \$6.00

BRONZE QUEEN—Extra large, light bronze yellow.

Each 10c; doz. 90c; 100 \$7.00

CLARA BUTT—Bright apple blossom pink, a brilliant and beautiful self-color. Conceded by all critics to be the most magnificent of the Darwin type; splendid for forcing and flowers, must be grown cool when forced.

Each 5c; doz. 50c; 100 \$3.00

DREAM—Beautiful soft lilac self colored, extra large.

Each 6c; doz. 60c; 100 \$4.00

EUROPE—Salmon scarlet, shaded rose. Each 6c; doz. 60c; 100 \$4.00

FARNCOMBE SANDERS—Magnificent brilliant scarlet, a finely formed giant flower; the best red Darwin. Ea. 5c; dz. 55c; 100 \$4.00

GRETCHEN—Large globular delicate pink flower, inside soft blush.

Each 5c; doz. 50c; 100 \$3.00

HIPPOLYTE—A unique color among Darwin sorts being a beautiful blue-violet shade.

Each 6c; doz. 55c; 100 \$4.00

KATE GREENAWAY—One of the largest and latest; immense white flowers suffused with lilac.

Each 6c; doz. 55c; 100 \$4.00

KING HAROLD—Deep garnet red with purple black base. Splendid variety for border use. Strong stems.

Each 6c; doz. 60c; 100 \$4.00

LA CANDEUR—(White Queen)—Splendid white flower tinged delicate blush; large size.

Each 5c; doz. 50c; 100 \$3.50

LA TRISTESSE—Beautiful violet with light base.

Each 7c; doz. 75c; 100 \$5.00

LA TULIP NOIRE—The Black Tulip, flowers large, lustrous and attractive, of fine form, grows 24 inches high. A rare novelty.

Each 9c; doz. 90c; 100 \$6.50

MASSACHUSETTS—Large flowers of vivid pink with white center. Superb for outdoor planting.

Each 5c; doz. 55c; 100 \$4.00

MME. KRELAGE—Bright pink, lighter edge.

Each 5c; doz. 55c; 100 \$4.00

PRIDE OF HAARLEM—Brilliant salmon rose, shaded scarlet, blue at base; of grand size and form.

Each 7c; doz. 75c; 100 \$4.50

REV. EWBANK—Soft mauve, light edging.

Each 7c; doz. 75c; 100 \$4.50

MIXED—Each 5c; doz. 40c; 100 \$3.00

PARROT TULIPS

PARROT Tulips have immense flowers of brilliant and varied colors, with petals curiously fringed or cut. They are very showy and should be grown in every flower garden.

ADMIRAL DE CONSTANTINOPLE—Orange red, good size.

CAFE BRUN—Orange, red feathered; very showy.

CRAMOISE BRILLIANT—Beautiful carmine red, large flowers; very fine.

LUTEA MAJOR—Golden yellow, extra fine large flowers.

MARKGRAAF—Inside rich orange, outside scarlet and yellow, feathered, extra fine.


PERFECTA—Yellow, scarlet feathered.

NAMED VARIETIES

Each 5c; doz. 50c; 100 \$3.50.

FINE MIXED—This mixture contains a large assortment of colors.

Each 5c; doz. 40c; 100 \$3.00

 Bulbs prepaid in U. S. only—Postage to Canada, Alaska and outside points extra.

"DIAMOND QUALITY"

NARCISSI


We consider Narcissi to be the most satisfactory and valuable of all flowering bulbs; their exquisite perfume, earliness, free blooming and keeping qualities, endear them to all who have grown them.

Once planted in the field or garden they need no further attention but will thrive and perpetuate themselves, increasing in beauty for years.

Culture of Narcissi

Outdoor Culture—Plant in early fall if possible but plantings as late as Christmas will give excellent results. The depth to plant is $1\frac{1}{2}$ the depth of the bulb. This gives a covering of 2 to 3 inches of soil. Any good garden soil which has not been recently manured will give satisfactory flowers, but a deep, moist loam is best. If the ground is dry or sandy it should be dug deeply, well manured and an annual, such as potatoes grown the year previous. If your soil is light and you do not want to take off a crop before planting, give a light dressing of lime to the surface and work in a layer of well rotted manure a foot below, so as to be out of reach of the bulbs, this layer is to hold the moisture, not as a fertilizer. The best fertilizer is ground bone. This can be used with safety on poor sandy soil.

Pot Culture—The Bulbs should be planted as soon as received as earliest plantings insure finest flowers. In potting use good, turfy loam, but let no manure of any kind, well rotted or otherwise, touch the bulb. Set in a cool, dark room for a month or two, until well rooted, then remove to the light for flowering. (All bulbs prefer a cool temperature. Be careful not to grow them too warm.) Do not cultivate too much, as extra vigor of growth injures the purity of color. Some Narcissi prefer partial shade but grow splendidly in any situation.

 In Planting Narcissi large groupings of irregular outline give most pleasing effects, shun symmetrical lines or formal designs.



Narcissi—Polyanthus

The Polyanthus varieties of Narcissi are not only beautiful, but deliciously sweet-scented, and of the easiest culture, very free flowering and suitable for forcing indoors or bedding out, continuing long in bloom.

PAPER WHITE—Grandiflora—Beautiful fragrant flowers of pure white; forces admirably and flowers freely in dense clusters; will bloom in December, if potted early. Anyone can grow them in the house successfully. Plant one bulb to a three-inch pot, four to a six-inch pot. Can be grown in water. See page 22 under Hyacinths. **Each 10c; doz. 85c; 100 \$6.75**

GRAND MONARQUE—Large, pure white with lemon cup. One of the finest.

GRAND SOLEIL D'OR—Rich yellow, with orange cup; fine for bedding and cutting.

THE PEARL—Pure white flowers resembling the Grandiflora, but is much larger.

NAMED VARIETIES

Each 10c; doz. 85c; 100 \$6.75

EXTRA FINE MIXED Doz. 75c; 100 \$5.00

Double Daffodils

ALBA PLENA ODORATA—(6)—"The Double White Poet's Narcissus."—Double, snow-white flowers, exquisitely scented; late flowering; cannot be forced.

Each 5c; doz. 50c; 100 \$3.50

ORANGE PHOENIX—(3)—(Eggs and Bacon)—Beautiful double white flowers, with orange center; splendid for pot culture, cutting and garden planting.

Each 6c; doz. 65c; 100 \$4.50


VAN SION—(Telamonius Plenus) (2)—"The True Double Yellow Daffodil." Rich golden yellow perianth and trumpet. Thrives and blooms in increasing profusion every spring and is also one of the best winter flowering and forcing sorts. **Each 7c; doz. 75c; 100 \$5.50**

VAN SION—Double nose, extra large bulbs.

Each 10c; doz. \$1.00; 100 \$7.50

SILVER (SULPHUR) PHOENIX—(3)—Very large flowers; pale creamy white, shading to primrose. **Each 7c; doz. 75c; 100 \$4.75**

For DAHLIAS, GLADIOLI, CANNAS—See our 1919 General Catalog and Planters' Guide—Ready in January.

 Bulbs prepaid in U.S. only. Postage to Canada, Alaska and outside points extra

DAFFODILS

The trumpet types of Narcissi are the true old fashioned form of Daffodils, they are the largest and most glorious of all Narcissi and are perfectly hardy everywhere. Can also be grown in pots.

To enable you to plant for succession of bloom, we have numbered the varieties in their relative earliness. No. 1, early March; No. 2, late March; No. 3, early April; No. 4, late April; No. 5, May.

ALBICANS—(2)—The "White Spanish Daffodil"—Cream white, with silvery white trumpet slightly flushed with primrose and elegantly recurved at brim. **Each 8c; doz. 75c; 100 \$6.00**

BARRII CONSPICUUS—(4)—Long-stemmed flowers, with beautiful broad-petaled perianth; sparkling canary yellow, with deep golden cup, richly edged with orange scarlet.

Each 7c; doz. 60c; 100 \$4.00

BICOLOR EMPRESS—(3)—Perianth snow-white trumpet rich yellow, serrated and flanged at the edges, large in outline and of rare beauty.

Each 10c; doz. \$1.00; 100 \$6.50

BICOLOR VICTORIA—(2)—A magnificent large variety, bold and erect. Sweet scented. Perianth white and of great substance; trumpet rich yellow.

Each 10c; doz. \$1.00; 100 \$6.50

EMPEROR—(3)—Perianth primrose; trumpet large, rich deep yellow. One of the finest Daffodils grown.

Ea. 10c; doz. \$1.00; 100 \$6.50

GOLDEN SPUR—(1)—Extra large, bold, rich, golden yellow flowers, foliage very broad and striking; unsurpassed for gardens, pots and forcing.

Each 8c; doz. 75c; 100 \$5.00

Double Heads, Ea. 10c; doz. \$1.00; 100 \$6.50

Poeticus Varieties

The large, single blossoms, 2 to 2½ inches across, are of a snowy whiteness, intensified by the exquisite golden colored cups, ringed like a pheasant's eye, with red and green. Especially valuable for garden planting, and if allowed to remain undisturbed, they thrive, spread and improve every year.

GLORY—(4)—The new Poeticus, largest of the type. Snowy white, perfectly formed.

Each 7c; doz. 75c; 100 \$5.50

POETICUS (Pheasant's Eye)—(5)—Pure white flowers, orange cup, edged with red. Very useful for cutting in spring; are perfectly hardy out of doors—will bloom year after year. Does not force.

Each 5c; doz. 40c; 100 \$3.00

POETICUS ORNATUS—(4)—(The Improved Poeticus)—Pure white cup, edged with scarlet. Good forcer and earlier than Poeticus.

Each 5c; doz. 40c; 100 \$3.00

Double Heads, each 5c; doz. 50c; 100 \$3.50

SPANISH IRIS

Spanish Iris is the most satisfactory Iris to grow, requiring no unusual condition or treatment. They are vigorous and free-blooming, keeping well when cut and force easily.

Blooms in early June, two weeks before the English variety.

BLANCHE FLEUR—The best white for forcing or outdoor culture. A grand flower.

BRITISH QUEEN—Pure white magnificent flower of large size.

Bronze Queen—The finest terra cotta. Distinct shape. Very beautiful.

CAJANUS—The best golden yellow Iris in cultivation, either to force or to grow outside.

COUNT OF NASSAU—The finest dark blue Iris. Has an agreeable honeysuckle perfume.

DARIUS—A pleasing light blue—earliest of all.

EXCELSIOR—Light blue. Latest blooming of Spanish Iris varieties.

GLORY OF LEIDEN—(4)—A bold, giant daffodil, with golden yellow trumpet, perianth lighter, forces well, and very hardy in open ground.

Each 20c; doz. \$2.00

MAD. DE GRAAFF—(4)—Opens with soft primrose trumpet passing to white, forces well and for garden or naturalizing in grass has no superior.

Each 20c; doz. \$2.00

MRS. LANGTRY (Leeds)—(4)—A remarkable, free-flowering variety, with broad white perianth and large white cup edged yellow.

Each 5c; doz. 50c; 100 \$4.00

PRINCEPS—(1)—One of the finest of the large trumpet type. Also superior as a forcing variety; perianth pale sulphur; trumpet rich yellow.

Each 7c; doz. 60c; 100 \$4.00

SIR WATKIN—Incomparabilis Type—(2)—"The Giant Chalice Flower," or "Big Welshman."

Immense, long stems, flowers of rich light yellow, with a large, dark cup, tinted with orange.

Each 10c; doz. \$1.00; 100 \$6.50

TRUMPET MAJOR—(3)—Flower large and almost of a uniform deep golden; forces early, largely planted for outside bedding. Fine for cutting.

Each 7c; doz. 60c; 100 \$4.00

Cluster-Flower—Poetaz Narcissi

These are hardy hybrids between Polyanthus and Poeticus, very vigorous, bearing in profusion clusters of delightfully fragrant flowers. Good keepers, forcing or bedding.

ELVIRA—Broad, white petals, deep golden cup, with scarlet edge, delicious fragrance.

Each 7c; doz. 75c; 100 \$5.00

Jonquils

A species of Narcissi distinguished by rush like leaves. Easily grown in the house or open ground.

JONQUIL CAMPERNELLE RUGULOSUS—Improved giant Jonquil, broadly imbricated perianth, wrinkled cup, beautiful rich yellow.

Each 5c; doz. 40c; 100 \$3.00

JONQUIL CAMPERNELLE RUGULOSUS PLENUS—Double yellow flowers of great beauty on tall, graceful stems.

Each 5c; doz. 50c; 100 \$4.50

HERCULES—Beautiful dark bronze flowers. A pleasing addition to Iris collections.

KLONDYKE—Rich deep yellow; very early and extra fine.

LOUISE—A beautiful shade of light blue, large splendid flower.


SULPHUR BEAUTY—A splendid new light yellow of great merit.

FINEST NAMED VARIETIES.

Each 5c; doz. 40c; 100 \$2.00

MIXED, SELECT, ALL COLORS.

Each 4c; doz. 30c; 100 \$1.50

 **Bulbs prepaid in United States only—Canadian and Alaskan Postage extra.**

CROCUS

A desirable effect is produced by setting Crocuses here and there over the lawn. It is only necessary to lift the turf and insert the bulbs about two inches deep. They bloom very early, dying down to the bulb in ample time to be entirely out of the way of the lawn mower. Once planted, they will remain uninjured in the ground and bloom for years.

Plant from October to March, about three inches deep and about two inches apart in beds or borders. Indoor, the Crocus can be easily forced. Plant from six to a dozen bulbs in a shallow pot, keep cool and water well, treating same as Hyacinths.

PRICE, except as noted: doz. 30c; 100 \$2.00

BARON BRUNOW—Bright purple, free bloomer, flowers large, extra fine.

CLOTH OF GOLD—Golden yellow, slightly veined red, flowers large.

CLOTH OF SILVER—Silvery white, striped lilac.

KING OF THE WHITES—Mammoth snow white, truly the king of all white Crocus.

PURPUREA GRANDIFLORA—Bright purple, large, fine flower.

Price, doz. 45c; 100 \$3.00

Separate colors in mixed shades are extensively planted for outdoor beds or borders.

ASSORTED—Blue, striped, white or yellow. **Doz. 25c; 100 \$1.50. MIXED**—All colors. **Per 100 \$1.25**

LOTHAIR—White with blue stripes, very beautiful and distinctive.

MONT BLANC—Large, pure white; one of the finest.

MAMMOTH YELLOW—Yellow, selected bulbs of large size; finest blooms.

SIR WALTER SCOTT—White, striped with purple, the best striped, very large.

MISCELLANEOUS FLOWERING BULBS

Anemones

ANEMONE CORONARIA—Single Scarlet, Blue, White and Mixed.

Each, 5c; Doz. 50c; 100, \$3.00

NEW-GIANT ST. BRIGIDS—Flowers double, semi-double and single, in varied and brilliant colors, long stems, free blooming. Plant inside in the fall for winter flowers or in open ground after danger of frost has passed.

Each 5c; doz. 50c; 100 \$3.00

Calla Lilies—(*Lily of the Nile*)

CALLA AETHIOPICA. White Calla has few equals as a pot plant, and is easily grown. Plant one bulb to 6-inch pot, giving an abundance of water, light and heat.

First size bulbs. Each 15c; doz. \$1.50

Extra size bulbs. Each 20c; doz. \$2.00

Godfrey Calla

Beautiful snowy white flowers borne continuously in great profusion. **Ea. 25c; doz. \$2.50**

Calla Elliottiana

YELLOW CALLA. Flowers are a deep rich golden yellow and lasting. Foliage is a beautiful deep green, spotted silvery white. Treat same as White Calla.

Price, each 35c; doz. \$3.75

Lilium Washingtonianum

Mt. Hood Lily—A beautiful Lily, native of Oregon; flower large, of open form, white, tinted with lilac; grows 3 to 5 feet high; very fragrant. **Choice bulbs. Each 20c; doz. \$2.00**

Chionodoxa

Lovely Scilla-like flowers. Perfectly hardy bulbous plants, planted as an edging or in masses.

LUCILLIAE—Bright blue with large, clear white center. **Each 5c; doz. 50c; 100 \$2.50**

Freesias

PURITY—Their handsome clusters of white flowers have a most delicious fragrance. Plant four to six in 4-inch pot. **Doz. 40c; 100, \$2.50**

Ixias

A beautiful little flowering bulb, with low, slender, graceful spikes of bloom. Rich and varied colors. Culture same as Hyacinths.

Named Varieties, Mixed.

Each 3c; doz. 25c; 100 \$1.75

Fine Mixed. Each 3c; doz. 25c; 100 \$1.50

Erythronium—(*Dogtooth Violet*)

DENS CANIS GRANDIFLORA, MIXED—Fine hardy plants with charmingly variegated foliage, bearing lily-like blossoms of different colors; prefer moist situation with partial shade; grow well in pots for winter blooming.

Each 5c; doz. 50c; 100 \$2.50

Ranunculus

Among dwarf flowers these are unrivaled for their vivid and gorgeous colors. Fine for winter pot plants and make an attractive addition to the border or flower garden in summer. **We offer named varieties assorted.**

TURBAN—Large Paeony-formed flowers; early, compactly double. **Ea. 5c; doz. 40c; 100 \$2.50**

GIANT FRENCH—Immense loosely formed double flowers. **Each 5c; doz. 40c; 100 \$2.00**

PERSIAN—Rose-shaped flowers, very double and rich. **Each 5c; doz. 40c; 100 \$2.00**

Sparaxis

A beautiful class of bulbs producing spikes of the most exquisite and brilliant flowers.

Very fine mixed. Each 3c; doz. 25c; 100 \$1.50

Scillas

One of the prettiest dwarf early spring blooming bulbs, producing sprays of exquisite flowers.

SCILLA SIBERICA—Blue.

Each 3c; doz. 25c; 100 \$1.50

Snowdrops—*Galanthus*

The first flower to bloom in the spring, producing small but beautiful white blossoms. Plant about one inch apart, setting two or three inches deep. They come up from year to year.

SINGLE— Two for 5c; doz. 25c; 100 \$1.50


DOUBLE— Each 4c; doz. 40c; 100 \$2.50

PAEONIES

Double Herbaceous

THE development and increase in popularity of the Paeony has been unparalleled among flowers, and the profusion and duration of bloom, combined with handsome, massive foliage, accommodating habit, and easy culture, render them one of the most popular hardy plants grown for lawn and garden decoration.

Paeonies are always free from disease and insects do not bother them. They are hardy, thrifty growers, bloom freely, and nothing will add more to the beauty and attractiveness of the lawn.

 Varieties not listed in our choice collection can be supplied to your order.

ASA GRAY—Very large. Semi-double. Pale to deep lilac. Mid season. **Each \$1.00**

AVALANCHE—Very large and full, milky white. Strong grower, fragrant. Mid season. **Each \$1.00**

COURONNE D'OR—Superb white flower; immense size, reflects yellow, center petals, bordered carmine, fragrant, vigorous; late. **Ea. 75c**

DELACHEI—Large, full flower of a deep rich crimson, purplish tone; very fragrant; medium to late. **Each 50c**

DELICATISSIMA—Light rosy apricot, sometimes margined carmine red. Mid season. **Each 40c**

EDULIS SUPERBA—Rose pink, delightfully fragrant. An early bloomer, ready for Decoration Day. **Each 60c**

FELIX CROUSSE—Full double, flaming red, good bloomer. Mid season. **Each 75c**

FESTIVA MAXIMA—Immense double flowers. pure white tipped or flaked with a small crimson spot at center. Early. **Each 50c**

FLORAL TREASURE—Large, very showy, pale lilac-rose, good for cutting. Mid season. **Each 60c**

FRAGRANS—Late; color deep rose; fragrant prolific bloomer; tall grower. **Each 40c**

GLOIRE d'BOSKOOP—Large globular flower of rich pink shading to lilac. Mid season. **Each \$1.00**

MAD. BREON—Flowers outside flesh, center lemon, occasionally carmine tipped when first open; entire flower gradually changing to pure white. Early. **Each 60c**

MAD. DE VERNEVILLE—Broad outside petals, sulphur white, with center rosy white, sometimes edged carmine, and beautifully imbricated. Early. **Each 60c**

MONSIEUR JULES ELIE—Bomb type, pale lilac-rose shading lighter, early. **Ea. \$1.00**

MODESTE GUERIN—Medium Bomb type, solferino red, good for cutting. Mid season. **Each 75c**

OFFICINALIS ALBA—Blooms with Officinalis Rubra. Light pink at first, fading to white as flowers grow older. **Each 40c**

OFFICINALIS ROSEA—Beautiful bright pink globular flowers, blooms with Officinalis Alba and Rubra, producing fine flowers for Decoration Day. **Each 40c**

OFFICINALIS RUBRA—Bright scarlet crimson; quite double and globular. Early. **Each 40c**

POTTSI-ROSEA—Rich deep rose, lighter center. **Each 50c**

QUEENS PERFECTION—Creamy white, large, full and attractive. Early. **Each 40c**

Japanese Iris (Iris Kaempferi)

Japanese Iris are unsurpassed for their brilliant and varied colorings, producing effects that are truly marvelous. Blossoms early summer. Plant three inches deep, about 4 inches apart; divide the clumps every two years. Fertilize established beds while dormant, using stable manure, but do not apply after growth starts.

Single and Double Named Varieties.

Each 20c; doz. \$2.00; 100 \$15.00

Mixed, Good Assortment.

Each 15c; doz. \$1.50; 100 \$11.00

Miscellaneous Ornamentals

BLEEDING HEART—Spectabilis—Hardy spring flowering plants, with elegant green foliage and long, drooping heartshaped flowers. **Each 30c, postpaid**

BAMBOO—Ornamental plant, with almost evergreen foliage. We have four varieties, all hardy. Strong clumps, 3 to 6 feet. **Each 75c to \$1.50**

HYDRANGEA—Hortensis Blue—Very fine Japanese variety for potting and porch decoration; large flowers, rosy blue to light blue, according to the soil. **Strong clumps, each 75c**

Hortensis, Pink—Pure pink. **Each 75c**

PAMPAS GRASS—Ornamental grass, easily grown, producing long, pointed leaves and majestic, silvery white plumes; 6 to 8 feet high. **Strong roots, each 60c to 75c**

Large specimen plants, \$2.00 to \$5.00

ST. JOHNSWORT (Hypericum Moseirianum)—Low growing with yellow blooms; a drought resister. July and August **Clumps 50c**

TRITOMA (Pfitzeri)—Or Red Hot Poker—Rich orange-scarlet, blooming from mid-summer to latest fall; spikes 3 to 4 feet high; winters best if lifted and stored in sand. Fine for borders or mass effects.

Strong flowering roots 25c, doz. \$2.50 postpaid.

YUCCA — Spanish Bayonet or Adam's Needle—Bell-shaped flowers on laterals, forming a perfect pyramid; fine for rockwork. 2 to 3 feet.

Filamentosa—Thread leaved, creamy white; July. **Plants, 2 feet, each 75c to \$1.00**

PERENNIAL BORDER AND BEDDING PLANTS

WE offer well-rooted specimens that can be safely packed and promptly delivered in perfect condition. If you contemplate large plantings or special effects, let us know your plans and requirements. We can supply in any quantity for every requirement at lowest prices.

By proper arrangement cut flowers and a grand garden display can be obtained throughout the season. The great advantage in planting perennials is their permanency and the fact that they require so little care.

Plants marked 15c, are \$1.50 doz.; 20c, \$2.00 doz.; 25c, \$2.50 doz., F. O. B. Portland,

ACHILIEA (The Pearl)—Pure white flowers, 2 ft. high. **Each 15c**

ACONITUM (Monkshood or Helmet Flower)—*Napellus*—Large dark blue flowers, 4 ft. high, invaluable for semi-shady places. **Each 25c**

ALYSSUM SAXATILE COMPACTUM—Bright yellow corymbs; showy Spring flowering plant—also flowers in Autumn. **Each 20c**

ANCHUSA—*Myosotidiflora*—Beautiful sprays of forget-me-not-like flowers of rich blue. April and May. **Each 25c**

ANCHUSIA ITALICA—Tall growing hardy plant, with pretty blue flowers in large racemes. **Each 20c**

ANEMONE JAPONICA—Beautiful Fall blooming plants. Pink or white. **Each 20c**

ANTIRRHINUM—(Snap Dragon). Pink, Red, White, Orange, Bronze, Yellow. Tall and dwarf. Clumps, **Each 15c**; Small Plants, doz. 50c

AQUILEGIA HYBRIDA—(Columbine). An old favorite for Spring and early Summer. Blue, violet, pink. Fine for cut flowers. **Ea. 15c**

ARABIS (Rock Cress)—Very early spring flowering plants especially adapted for edging and borders. Pure white flowers.

Alpina Grandiflora—Single. **Each 15c**

Alpina Flore Pleno— **Each 25c**

ARTICHOKE—Ornamental garden plant, bearing edible buds that develop into giant thistle like blooms. **Each 15c; doz. \$1.50**

AUBRETIA—Pretty dwarf growing rock plants, silvery-green foliage and sheets of flowers in early spring and summer.

Bougainvillei—Purple. **Each 15c**

Leichtlini—Pink. **Each 15c**

BOLTONIA (False Chamomile)—Large, single aster-like flowers. Blooms during the summer and autumn months.

Asteroides—Pure white, 6 to 7 ft. **Each 15c**

Latisquama—Pink slightly tinged with lavender, 4 to 6 ft. **Each 15c**

CANTERBURY BELLS—Pink, white, blue, large clumps. **Each 20c; doz. \$2.00**

CHELONE (Shell Flower) *Barbata*—Brilliant, rosy color; 2 to 3 ft. high. **Each 15c**

COREOPSIS—(Golden Sunbeams). Beautiful golden-yellow; fine for cutting. **Each 15c**

DIANTHUS (Hardy Pink). **Each 15c**

DORONICUM—Early Spring Marguerite-like yellow flowers. Fine border plant. **Each 20c**

ECHINOPS (Globe Thistle) *Ritro*—Thistle-like plant with globular heads of deep metallic blue flowers, which can be dried. Flowers in August. 2 to 3 ft. **Each 25c**

ENGLISH PRIMROSE—Finest sorts, from pure yellow to deepest crimson-maroon; early, low-growing, fragrant. **Each 20c**

FOX GLOVE—(*Digitalis*). Tall *Gloxinia* Flowered. Pink, White and Blue. **Each 15c**

GAILLARDIA—(Blanket Flower.) *Grandiflora Maxima*—Combination coloring of yellow, brown, crimson, orange; height, 2 feet; bloom until frost; fine for cut flowers. **Each 20c**

GEUM—(*Atrociniun*).—A splendid bed or border plant—18 to 24 inches—bearing freely, dainty little double red flowers. **Each 20c**

GIANT DAISIES—Pink and white. **Each 15c**

GYPHOPHILA—(Baby Breath.) *Paniculata*.—Single and double; thrives during driest weather; elegant rock plants and very useful for cut flowers. **Each 20c**

HARDY ASTERS—Among the showiest of late flowering plants. The colors are dainty blues, shades of red, pink and white. **Each 15c**

HELENIUM (Sun-bride or Sneezewort)—Very desirable border plant, broad-spreading heads of flowers, useful for cutting. Red, yellow, brown. **Each 25c**

HELIANTHUS (Hardy Sunflower)—Effective hardy plants for large borders and planting among shrubbery. Flowers, golden-yellow.

Multiflorus Maxima—Golden-yellow flowers. July to August. **Each 15c**

HELIANTHUS SPARSIFOLIA—Superb new single sunflower of striking beauty; blooms late in the season. **Each 15c**

HELIOPSIS (Orange Sunflower)—July and August. Similar to *Helianthus* but earlier. Dwarf habit, fine for cut flowers. **Each 15c**

Pitcheriana—Beautiful deep golden yellow flowers about two inches in diameter. **Each 15c**

HEUCHERA SANGUINEA—Dainty alpine plant requiring shade of a rockery or fernery. The bell-shaped coral red flowers are borne on wiry stems about 18 inches. **Each 25c**

HOLLYHOCKS—Good soil required, work in well rotted manure; water during dry weather. New Double and Single—Red, yellow, pink, and white. **Each 15c; 4 for 50c**

Large clumps, **Each 25c; doz. \$2.50**

MARGUERIETE MRS. F. SANDERS—(Annual). Valuable for conservatory or window garden in late winter or spring; excellent bedding plant during summer months; color, pure glistening white. **Each 15c; doz. \$1.50**

MYOSOTIS (For-get-me-not)—*Dissitiflora*—Little blue star-like flowers. Useful for borders and half shady places. **Each 10c**

ORIENTAL POPPIES—Red, pink, white, salmon; nice clumps. **Each 25c; doz. \$2.50**

PENTSTEMON (Beard Tongue) *Hybridum*—Large *Gloxinia*-like flowers, in all colors from white to deep crimson, 2 to 3 ft. high. **Each 15c**

Hardy Perennial Garden Plants—Continued

PLATYCODON (Balloon flower or Japanese Bell Flower)—2 to 2½ ft. high. After the third season the plant will have ten to twelve stalks covered with lovely blue blossoms for nearly a month, beginning about July first. *Mariesi*. **Each 15c**

PYRETHRUM (Persian Daisy)—Of easy culture in any garden soil where there is good drainage and full exposure to the sun. They prefer to be undisturbed for two or three years, bloom in June—*Hybridum*. **Each 20c**

RUDBECKIA—(Golden Glow)—Bears in profusion immense double blooms of the brightest, golden yellow; hardy everywhere. **Each 15c**

RUDBECKIA NEWMANI—(Black-eyed Susan). Golden yellow ray petals around a dark center. Fine cut flowers. **Each 15c**

SANTOLINA (Lavender Cotton)—A dwarf evergreen perennial with attractive silvery-white foliage, useful as a rock or border plant. *Chamaecyparissus incana*—Flower heads light yellow. **Each 15c**

SCABIOSA—Handsome border plant.

Caucasica (Blue Bonnet)—A soft shade of lavender, blooms June to Sept. Stems 18 to 24 inches. **Each 25c**

SEDUM (Stone Crop)—Suitable for rockery carpet bedding, etc.

Album—Green foliage and white flowers. **Ea. 15c**

Lydium glaucum—Glaucous foliage. **Each 15c**

SHASTA DAISY—(Alaska). Immense, fluffy white blooms, with golden eyes, from July until late Fall; fine for cutting; splendid border plants. **Each 20c**

STATICE (Sea Lavender)—Valuable for border or rockery, with tufts of leathery leaves and immense candelabra-like heads. They last for months when cut and dried. Bloom June to Sept.

Incana—White minute flowers. **Each 15c**

Latifolia—Minute purplish blue flowers. **Ea. 25c**

STOKESIA (Cornflower Aster) *Cyana*—

Handsome lavender blue cornflower-like blossoms which measure from 4 to 5 inches across. Desirable as a single plant or grown in beds. 18 to 24 inches high, June to Sept. **Each 15c**

SWEET WILLIAM—Old favorites for beds and borders. **Each 15c**

VALERIANA (Garden Heliotrope)—Decorative plant for the rockery, with strong heliotrope odor.

Officinalis—Rose tinted white flowers during June and July. **Each 15c**

Coccinea Rubra—Rose-pink flowers; blooms in May; 2 ft. high. **Each 15c**

Cocina floralba—Pure white flower tufts. **Ea. 15c**

VERONICA PROSTRATA—Splendid for rock gardens and edges of borders; color deep blue. Blooms May to August. **Each 15c**

VERONICA REPENS—(Creeping Speedwell)—Slender compact plant with blue flowers. Thrives in the sun where grass will not grow. Fine for rock work. **Each 15c**

VIOLA—Fragrant plants which grow in half shady places and begin to flower early in the spring. Double and single—colors violet, blue or white. **Each 15c**

VIOLETS—Single and double. Six named varieties blue and white. Fine plants. **Ea. 15c**

WALLFLOWER—Dark and Light; single and double; mixed, good subjects for rock garden and spring bedding. **Each 20c**

Perennial Phlox

Hardy everywhere. The marvelous new colors, beautiful foliage and easy culture make this choice flower one of the most desirable for beds, borders or lawn groups where permanent effects are desired. **Each 15c; doz. \$1.50**

ANTONIN MERCE—Medium; light ground color; upper half of each petal deeply suffused bluish-lilac, large white halo.

ATHIS—Tall magnificent salmon pink, free and continuous bloomer.

COQUELICOT—Scarlet, with crimson eye.

DIADEM—Large flowering, pure white—dwarf.

EUROPA—Medium; immense trusses of pure white with distinct crimson eye.

GOLIATH—Truly a giant in growth; color bright crimson carmine, deeper eye.

GEO. A. STROHLEIN—Medium bright scarlet with crimson red eye; does not bleach.

HUXLY—Medium; a beautiful lavender.

MME. PAUL DUTRIE—Tall; delicate lilac rose, reminding one of beautiful soft pink Orchids.

MRS. JENKINS—The best tall early white for massing.

R. P. STRUTHERS—Tall, rosy carmine, with claret-red eye; fine.

SELMA—Tall; large flower; pale rose mauve with claret eye.

SUNSHINE—Dwarf; large, aniline-red with crimson-red eye and light halo.

VON LASSBURG—Medium; one of the largest flowered purest whites in cultivation.

Phlox for Rock-work

PHLOX SUBULATA—(Moss or Mt. Pink).—Early spring flowering; useful for carpet bedding, cemetery planting or rockeries.

PHLOX DIVARICATA CANADENSIS—Blooms early April, has large, beautiful lavender flowers; grows 10 inches high.

Larkspur—Delphiniums

HARDY LARKSPUR.—One of the most beautiful and useful border plants; vigorous, free-blooming and hardy. The varieties we can supply are among the best. For description see Annual Catalog.

PRICES Named Varieties—Fine Large 2-year Clumps. **Each, 25c; per dozen, \$2.50. Mixed—Each, 20c; per dozen, \$2.00.**

FOR GERANIUMS, FERNS, DAHLIAS, GLADIOLI, CANNAS AND ANNUAL FLOWERING PLANTS See our General Catalog

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Berry Boxes.....	13	Hydrangea.....	12	Quince.....	3
Birch.....	8	Iris.....	29-30	Quince, Flowering.....	13
Blackberries.....	8	Ixias.....	29	Ranunculus.....	29
Bleeding Hearts.....	30	Ivy.....	17	Raspberries.....	8
Broom.....	15	Jasminum.....	17	Rhubarb Roots.....	9
Box.....	16	Jonquils.....	11	Roman Hyacinths.....	23
Bulbs.....	22-29	Juniper.....	16	Roses.....	18-21
Butternut.....	15	Kerria.....	13	Scilla.....	29
Calla Lilies.....	29	Laburnum.....	14	Shrubs, Deciduous.....	12-13
Calycanthus.....	12	Larch.....	14	Shrubs, Evergreen.....	15
Catalpa.....	13	Larkspur.....	32	Smoke Tree.....	13
Cedrus.....	16	Laurel.....	15	Snowball.....	13
Cherries.....	5	Lauristinus.....	15	Snowdrops.....	29
Chestnut.....	14-15	Lilac.....	13	Sparaxis.....	29
Chionodoxa.....	29	Lilies.....	29	Spiraea.....	13
Clematis.....	17	Linden.....	14	Spruce.....	16
Cotoneaster.....	15	Locust.....	14	St. Johns Wort.....	30
Crab, Flowering.....	14	Loganberries.....	8	Strawberries.....	10-11
Crocus.....	29	Magnolia.....	14-16	Syringa.....	13
Cryptomeria.....	15	Mahonia Aquifolia.....	15	Tamarix.....	13
Currants.....	7	Maple.....	14	Trees, Deciduous.....	12-14
Currant, Flowering.....	12	Mock Orange.....	13	Tritoma (Red Hot Poker).....	30
Cyprus.....	16	Mountain Ash.....	14	Trumpet Vine.....	17
Daffodils.....	27-28	Mulberry.....	14	Tulips.....	24-26
Daphne.....	15	Nandina.....	13	Tulip Tree.....	14
Delphinium.....	32	Narcissi.....	27-28	Vines, Ornamental.....	17
Dutchman's Pipe.....	17	Nectarines.....	4	Violets.....	32
Deutzia.....	12	Nut Trees.....	15	Walnuts.....	15
Dewberries.....	8	Oak.....	14	Weeping Trees.....	14
Dogwood.....	14	Oregon Grape.....	15	Weigelia.....	13
Dwarf Fruit Trees.....	4			Wistaria.....	17
Elm.....	14			Yew.....	16
Elder.....	12			Yucca.....	30
Erythronium.....	29				

Bulb Planting Tables

Number of Bulbs Required for Planting Different Sized Beds of Tulips or Hyacinths

Everyone can afford a bed of flowering bulbs. They bloom so early, make such handsome and showy displays, and require so little care that their general use is increasing each year. The best effect in bulb beds is obtained by planting to solid colors, but if variety is wanted we would not advise you to select over two or three colors. Too many colors spoil the whole effect. A very satisfactory way is to plant a solid center with one or two of the outer rows of another color; a pleasing effect is obtained by dividing the bed into four sections, planting each in a separate color. As the circular bed is the most popular and satisfactory, we use it as a basis to figure on. If you want a square or oblong bed the cultural directions of the different bulbs will give you the distance bulbs should be planted apart.

In ordering bulbs for the mixed beds and for the number contained in the two outer rows of different sized beds, refer to table below.

Diameter of Bed	Total No. of Bulbs Required		No. of Bulbs Required for Two Outer Circles Only.	
	Tulips	Hyacinths	Tulips	Hyacinths
3 feet.....	64	36	50	31
4 feet.....	113	50	68	45
5 feet.....	177	80	87	57
6 feet.....	254	120	104	69
7 feet.....	346	160	122	82
8 feet.....	452	210	140	95
9 feet.....	573	270	160	110
10 feet.....	707	330	180	120

NOTE—Plant the Tulips four inches apart in the rows and the rows four inches apart. Hyacinths six inches apart and the rows six inches apart. Narcissi same as Hyacinths. For Crocus, Snowdrops, etc., double the number of Tulips.

Plant a shallow rooting annual in your Tulip bed, and you will not have a bare spot when the bulbs are gone. It also keeps the weeds down. Forget-me-nots, Petunias, Pinks, Poppies, Verbenas, Candytuft, are a few of the best. Low growing perennials are also good, as they need not be disturbed. It is best not to lift Tulips each year. Leave them in the ground. They bloom better.

"DIAMOND
QUALITY"

NURSERY
STOCK

GROWN
IN
OREGON

"Perfection"
CURRANTS

Loganberries

TREES
& PLANTS

ARE DUG AND
PACKED
AS ORDERED

STRAWBERRIES
AND
BUSH
FRUITS

give quick and
sure returns and
should be in every
HOME GARDEN



NEW OREGON STRAWBERRIES